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Elon College, North Carolina

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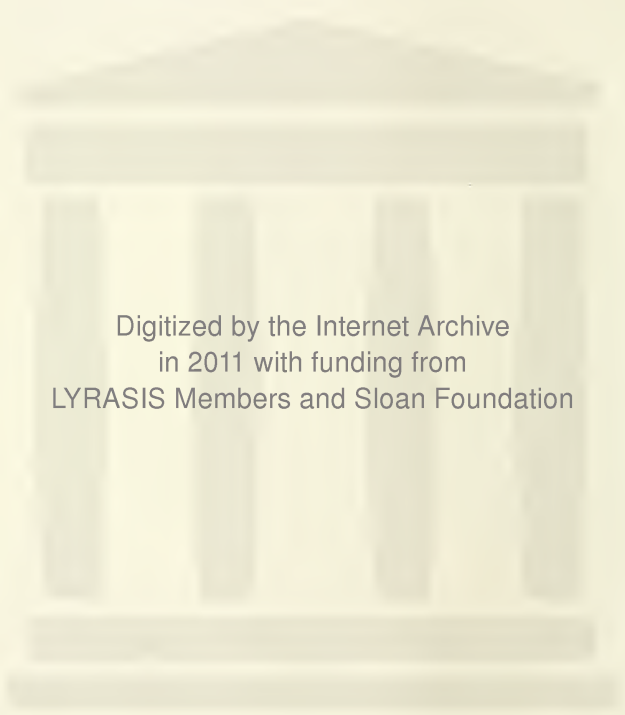
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Fall, 1979

# elon



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## **Communications with Elon College**

This bulletin contains pertinent information relative to the College, its philosophy, programs, policies, regulations, and course offerings. All students and prospective students are urged to read it carefully and completely.

Correspondence relating to official business should be addressed as follows:

### **President**

General Information

Gifts or bequests

### **Vice President for Academic and Student Affairs**

Faculty positions

Special programs

### **Dean of Academic Affairs**

Academic program

Academic work of students in college

### **Dean of Student Affairs**

Housing

Student affairs

### **Business Manager**

Payment of student accounts

Inquiries concerning expenses

### **Director of Administrative Services**

Educational records

Institutional data

### **Director of Institutional Relations**

Public relations

Contributions

Estate Planning

### **Director of Financial Aid**

Information about scholarships, student loan funds, and work jobs

Employment while in college

### **Director of Placement**

Employment upon graduation

### **Registrar**

Requests for transcripts

Evaluation of transfer credits

### **Director of Admissions**

Admission

Requests for applications, catalogs or bulletins

### **Director of Alumni and Parent Relations**

Alumni affairs

Parent relations

## **Elon College**

**Elon College**

**(USPS 076-160)**

**Elon College / North Carolina 27244**

**Telephone 919-584-9711**

# Elon College

## 1979-80

Elon College / North Carolina 27244

Telephone 919-584-9711

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Elon

Vol. 91 — October, 1979 — No. 5 — (USPS 076-160)

Published quarterly at Elon College, N. C. 27244.

Elon College admits students without discrimination on the basis of race, color, sex, handicap, and national or ethnic origin in the recruitment and admission of students, the recruitment and employment of faculty and staff, and the operation of any of its programs.

Second class postage paid at Elon College, N. C. 27244.

# Calendar

## Fall Semester 1979

September 3-4 (Mon.-Tues.)  
September 5 (Wed.)  
September 6 (Thurs.)  
September 10 (Mon.)  
October 22 (Mon.)  
November 12 (Mon.)  
  
November 21 (Wed.)  
  
November 26 (Mon.)  
December 7 (Fri.)  
December 10-13 (Mon.-Thurs.)

Orientation-Registration  
Drop-Add Day; Evening Classes begin  
Day Classes begin  
Last day for late registration  
Mid-semester reports due  
Preregistration begins for Winter Term  
and Spring Semester  
Thanksgiving Holiday begins at close of  
day classes  
Thanksgiving Holiday ends at 8:00 a.m.  
Classes end  
Examinations

## Winter Term 1980

January 2 (Wed.)  
January 3 (Thurs.)  
January 25 (Fri.)

Registration  
Classes begin  
Winter Term ends

## Spring Semester 1980

January 29 (Tues.)  
January 30 (Wed.)  
January 31 (Thurs.)  
February 5 (Tues.)  
March 17 (Mon.)  
March 27 (Thurs.)

\*April 4 (Fri.)

April 14 (Mon.)  
May 9 (Fri.)  
May 12-15 (Mon.-Thurs.)  
May 18 (Sun.)

Registration  
Drop-Add Day; Evening Classes begin  
Day Classes begin  
Last day for late registration  
Mid-semester reports due  
Preregistration begins for Summer School  
and Fall Semester  
Spring vacation begins at close of  
day classes  
Spring vacation ends at 8:00 a.m.  
Classes end  
Examinations  
Commencement

## Summer School 1980

First Term: June 2-July 4  
Second Term: July 7-August 8

\*Easter is April 6, 1980.

# General Information



## Elon College

Elon College is nestled in an oak forest in lovely Piedmont North Carolina. In recognition of this fact, the name "Elon," Hebrew for oak, was selected for the institution when it was founded in 1889. Although the gracious 150-acre campus still abounds in stately oaks, the College has encroached upon the forest. The brick wall that encircles the main part of the campus has been unable to contain the College as it has grown through the years and, like a medieval town, the campus now spills beyond the walls providing additional spacious grounds for its buildings and playing fields.

Seventeen miles west of Elon, along Interstate 85, lies the thriving city of Greensboro; a little further east lie the great intellectual resources of the Research Triangle, comprised of Duke University at Durham, the University of North Carolina at Chapel Hill and North Carolina State University at Raleigh. The College community enjoys the lifestyle of a relatively small institution yet is able to have the advantages of major institutional resources in nearby areas.

From its initial enrollment of 108 students 90 years ago, Elon College has grown steadily, reaching an enrollment of more than 2,400 students. The creation of a broad range of academic and student life programs, the development of an excellent faculty and an able administration, and the loyalty and commitment of the parent church, alumni and friends account for the growth of the College.

The College operates on a 4-1-4 academic calendar, which provides a four-month fall semester ending prior to Christmas holidays, a one-month winter term, and a four-month spring semester. During the one-month term, the student takes only one course, providing an opportunity for concentrated work, innovative teaching, experiential courses, and intensive study. During this time,



the College operates a Study Abroad Program in Europe. A two-term Summer School and an Evening Program complete the calendar.

The life of the College community revolves around the faculty and the students, the curriculum, and the resources of the College.

Faculty members of Elon College are dedicated teachers, many of whom have expressed their satisfaction with the College through long years of service. They have been chosen because of their academic preparation, individual initiative, and commitment to the teaching profession. The educational background of the faculty, more than sixty percent of whom have earned doctorates, is represented by undergraduate and graduate degrees from many outstanding institutions.

Elon College students in 1978 came from 23 states and 13 foreign countries. Slightly more than half of the students are men, and the student body includes several racial and socio-economic groups. Elon College admits students of any race, color, sex, and national or ethnic origin without discrimination. This diversity enriches the life of the community and reflects the nature of American society itself.

Students at Elon College live and learn through student life and academic programs. There are many opportunities for students to pursue particular interests through a broad range of activities and student life programs which enable them to find a personal identity and refine their social skills, broaden their perspective and create lifetime friendships.

The academic program is equally rich and diversified. Several different degree programs and numerous major fields of study are available to give the student enrichment and conceptual skills in the liberal arts while also providing fields of study to prepare him for a specific professional career.

## History

To provide a quality undergraduate education has been the mission of Elon College since its founding by the Christian Church in 1889. Two schools were forerunners of Elon College: The Graham College, established in 1851 at Graham, North Carolina; and the Suffolk Collegiate Institute, established in 1872 in Suffolk, Virginia. The Southern Christian Convention, now a part of the United Church of Christ, voted in 1888 to establish Elon College.

The site of the new college was known as Mill Point located four miles west of Burlington, North Carolina. In its early years Elon endured many tribulations. The student body was severely reduced during World War I, and a major fire in 1923 destroyed most of the campus buildings. Within three years a new campus arose from the ashes. The five central buildings, including Alamance, were built at this time. The great depression and World War II created many problems for the College.

The decades following the Second World War were years of physical growth and academic development. New buildings went up as enrollments increased and the College expanded beyond its brick walls. Students from half of the states in the Union, as well as foreign countries, gave the College a regional complexion. The faculty increased to more than 100, teaching in 24 major fields offering four baccalaureate and two associate degrees. Elon's seven presidents have provided the leadership essential for this progress.

Historically the College has played a significant role in teacher education. A program of instruction and experiences designed to prepare teachers continues to be a major objective of the College.

Although there have been many changes through the years, Elon remains church-related rather than church-controlled. It has held in high esteem its commitment to general Christian principles and values as an appropriate foundation for the development of human personality and social order.

## The Mission of Elon College

Elon College offers men and women a liberal arts education to enrich them as human beings, and it offers programs in career-oriented fields to prepare them for specialized work. All of the programs at Elon are periodically evaluated by accrediting agencies to insure that appropriate standards of quality are maintained. Students are provided opportunities to develop those skills and sensitivities which encourage a reflective approach to both personal life and professional career.

In addition, Elon College senses a special responsibility to the community in which it is located. Thus, it provides to citizens of the area opportunities for cultural and educational renewal in a setting where religious and human values are respected.

In accordance with the provisions of the Charter, it is the aim of Elon College to give all students the opportunity to acquire:

1. A philosophy of life which is founded upon and motivated by the beliefs and spiritual values of the historic Christian Church, and which will be reflected throughout life in terms of a sense of personal integrity, high ethical standards, wholesome attitudes, and significant religious insights and devotion.
2. An understanding of their responsibilities and rights as citizens in a democratic culture, and a recognition of the intrinsic worth of all individuals.
3. An intelligent awareness of world cultures, conditions, events, and issues.
4. A love of learning sufficient to promote continued intellectual and cultural growth which comes out of sharing in an invigorating intellectual and cultural climate during their college career.
5. A basic knowledge in the humanities, natural sciences, and social sciences, and an appreciation of the mutual relationships existing among these areas.
6. An understanding of the content and an achievement of competence in the procedures of at least one field of knowledge as preparation sufficient for graduate or professional study.
7. The ability to think critically, logically, and creatively, and to communicate effectively by means of the written and spoken language.
8. A sensitivity to esthetic values through experience and study in the fine arts and through opportunity to develop competence and excellence in the performing arts.
9. A knowledge of the principles of health and physical fitness, and skills useful for participation in wholesome recreational activities.
10. A recognition of their own abilities and aptitudes through counseling and guidance in the choice of an appropriate vocation.

## Campus and Buildings

The Elon campus is beautiful, spacious, and rich in stalwart native oak trees. It is designed and equipped to serve its living and learning community. Buildings housing the classrooms and laboratories have been extensively renovated and new equipment and furniture have been provided. The McEwen Dining Hall, William S. Long Student Center, Iris Holt McEwen Library, Harper Center, and nine residence halls have been constructed since 1956. Completed in 1970 were a new office-classroom building and a new physical education facility, which

includes an Olympic-size swimming pool. The present living and dining facilities serve a resident student body of approximately 1,200.

*Alamance Building* houses administrative offices and classrooms. Citizens of Alamance County contributed the money to build this structure after the old administration building was destroyed by fire in 1923. The Alamance Building was extensively renovated in 1967.

*The Alumni Memorial Gymnasium* was built in 1949 by former students as a memorial to Elon alumni who lost their lives in two World Wars. It seats 4,500 for basketball games. The 25,000 square feet of floor space houses offices, classrooms, dressing and shower rooms for both men and women, laundry room, storage room, and a playing floor area large enough for three intramural basketball games to be played at the same time.

*The Athletic Field* consists of 50 acres of practice and playing fields, situated around the campus. There is adequate space for all sports.

*John W. Barney Hall* houses 54 men students. This three-story brick building was named in memory of John W. Barney, who was a member of the Elon College faculty for 33 years.

*Ned F. Brannock Hall*, housing 48 men students, is a three-story brick structure named in memory of Dr. Ned F. Brannock, a member of the Elon College faculty for more than 50 years.

*Carlton Building*, renovated in the summer of 1973, was the gift of three trustees of the College, P. J. Carlton, H. A. Carlton and L. E. Carlton, and their sister, Mrs. J. Dolph Long. This structure houses the music and art departments, classrooms, a rehearsal hall, and faculty offices.

*Carolina Hall*, erected in 1956, houses 126 men students. Congregational Christian Churches in North Carolina pledged the funds for this three-story brick building.

*The Classroom-Office Building*, completed in 1970, contains classrooms, faculty offices, and administrative offices.

*Crumpton Center*, beautiful old plantation and former home of trustee Dr. J. L. Crumpton, located 35 miles from campus, was donated in 1974 by Dr. and Mrs. Crumpton, both alumni of the College. The Center is used by faculty, trustees and students for seminars, retreats, workshops and special meetings.

*Duke Science Building* has modern scientific equipment and laboratory apparatus. It houses the Departments of Physics, Biology and Chemistry. In memory of their mother, Mrs. Artelia Roney Duke, J. B. Duke and B. N. Duke contributed to the cost of erecting this building which was renovated in 1966.

*East Building*, formerly the Elon College Middle School, was acquired by the College in 1978.

*Fraternities and Sororities* are housed in several off-campus residences owned by the College.

*A. L. Hook Hall*, housing 48 men students, was named in honor of Dr. A. L. Hook, who has been a member of the Elon College faculty for more than 50 years. Built in 1966, it is a three-story brick residence hall.

*The B. Everett Jordan Gymnasium*, named in honor of the late Senator B. Everett Jordan and completed in 1970, contains an Olympic-size swimming pool, physical education teaching gymnasium, wrestling room, handball court, weight training room and offices and classrooms.

*William S. Long Student Center*, constructed in 1966, houses the campus shop, the varsity room, the health service, lounges, meeting rooms, student government offices, a listening room, a photography lab, and game rooms. The



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|--|--|
| 1. Elon College Community Church           | 14. Smith Hall (men)                                       |
| 2. McEwen Dining Hall                      | 15. Carolina Hall (men)                                    |
| 3. Iris Holt McEwen Library                | 16. Barney, Brannock, and Hook Halls (men)                 |
| 4. Sloan Hall (women)                      | 17. President's Home                                       |
| 5. Virginia Hall (women)                   | 18. Athletic Fields  |
| 6. West Hall (women)                       | 19. Alumni Memorial Gymnasium                              |
| 7. Carlton Building                        | 20. B. Everett Jordan Gymnasium                            |
| 8. Whitley Auditorium                      | 21. North, Storage Room, Carpenter's Shop, Power House     |
| 9. Alamance Building (information)         | 22. Lake   |
| 10. William S. Long Student Center         | 23. Staley Hall (women), Moffitt Hall (men), Harper Center |
| 11. Classroom-Office Building (admissions) | 24. Tennis Courts  |
| 12. Duke Science Building                  | 25. Newsome Field  |
| 13. Mooney Building                        |  |

building was named in memory of William S. Long, first president of the College.

*McEwen Memorial Dining Hall*, completed in 1956, was built as a memorial to James H. McEwen, long an industrial and civic leader in Burlington.

The first floor accommodates more than 400 students in a modern and attractive cafeteria and also contains a smaller dining room for special luncheon meetings. On the second floor is a large banquet room which is used for luncheon meetings, dinners, receptions, social gatherings, dances, exhibits, and other events, and is large enough to accommodate 450 persons.

*Iris Holt McEwen Library*, completed in the summer of 1968, is fully air conditioned and carpeted. Open stacks contain a well-rounded collection of 150,000 volumes. Approximately 10,000 government documents have been added to the collection since the library became a government depository in 1971. It has also housed the national library and archives of the American Theatre Organ Society since 1974. This facility will seat 580 and has multiple reading areas, an art exhibit area, 276 private study spaces, an historical documents room, and phonographs and tape players.

The Spence Collection, which was the former Stratford College Library, was given to the College in 1975 in honor of Royall H. Spence, Sr. by Mrs. Spence



and his children, Mary Spence Boxley, Dolly Spence Dowdy and Royall H. Spence, Jr. McEwen Library ranks as the fourth largest among private colleges and universities in North Carolina.

*Mooney Christian Education Building* was given to Elon by M. Orban, Jr., in memory of his father-in-law, the Reverend Isaac Mooney. This building, remodeled in 1967, houses faculty offices, classrooms, the Learning Resources Center, and a recital hall.

*Newsome Field* is a modern baseball stadium donated in 1977 by Webb Newsome, a member of the class of '37, and his wife, Jessie Cobb Newsome, class of '36. A member of the Elon College Sports Hall of Fame, Webb Newsome was outstanding in baseball, football and boxing while at Elon.

*North*, located adjacent to the power plant, is used for maintenance storage and central receiving. It also houses offices of the director of physical plant, executive housekeeper, security, and director of mail services.

*The Power Plant* provides heat for the entire College. It is situated just north of the highway which passes the campus.

*The President's Home*, constructed in 1963, is located at 301 East Haggard Avenue.

*Sloan Hall*, a three-story brick structure housing 80 women students, was named in honor of Dr. W. W. Sloan and Bessie Pickett Sloan, members of the Elon College faculty for 25 years.

*Leon Edgar Smith Hall* is a three-story brick residence hall erected in 1957 to house 126 men students. The building was named for Dr. L. E. Smith, former President of the College.

*Staley Hall*, *Moffitt Hall*, *Harper Center* and *Harden Dining Hall* were completed in 1968. Staley Hall houses 200 women, and Moffitt Hall 100 men. The two residence halls are joined by Harper Center, which contains a lounge, the College radio station, a recreation area, and Harden Dining Hall. These buildings were named in memory of Dr. W. W. Staley, Dr. E. L. Moffitt, and Dr. W. A. Harper, three past presidents of Elon College, and are located north of the main campus, beyond the gymnasium.

*Virginia Hall*, a three-story modern brick structure erected in 1956, houses 80 women students. Congregational Christian Churches in Virginia pledged the money to pay for this residence hall.

*West Hall* is a three-story brick structure adjacent to the Carlton Building. The first floor contains a large reception hall, guest rooms and parlors, and living quarters for resident hostesses. Sixty-eight women students are housed on the second and third floors.

*Whitley Memorial Auditorium*, extensively renovated in 1972, has a seating capacity of approximately 500. Teaching and practice studios of the Music Department are located in the rear of this building.

## Accreditation

Elon College is accredited by The Southern Association of Colleges and Schools. Member of:

The American Council on Education

The Association of American Colleges

The American Association of University Women

The North Carolina Association of Colleges and Universities

The North Carolina Association of Independent Colleges and Universities

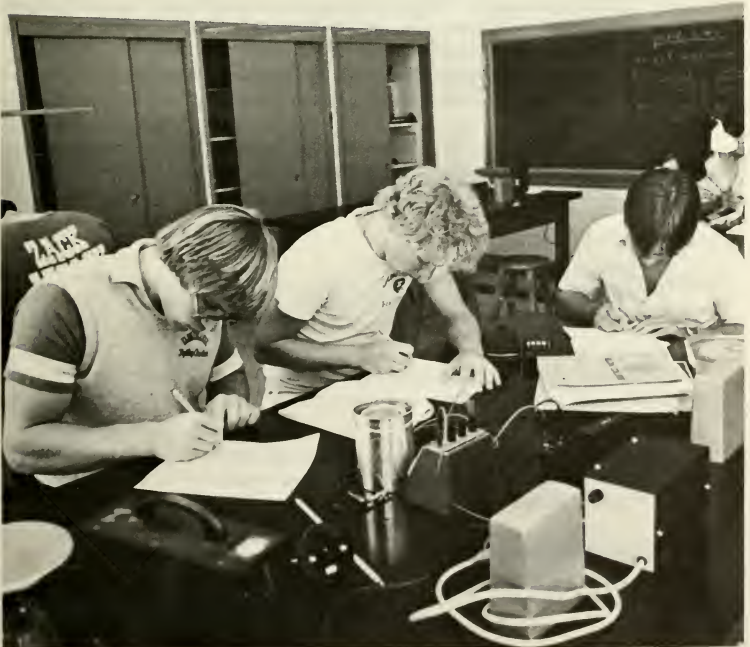
Independent College Fund of North Carolina  
The Council for Higher Education of the United Church of Christ  
National Commission on Accrediting  
American Assembly of Collegiate Schools of Business

### Visitor's Information

Visitors to the College are welcome at all times. The administrative offices are open Monday through Friday from 8 a.m. until 5 p.m. The admissions office is also open on Saturday from 8:00 a.m. until noon. Administrative officers and members of the faculty are available at other times by appointment made in advance.

### Travel Information

Elon College is in the town of Elon College, N. C., a community adjacent to Burlington, 17 miles east of Greensboro, and 64 miles west of Raleigh. It is accessible to airline services at Greensboro. It is also served by Carolina Trailways, which affords bus service to all parts of the country. The telegraph address is Burlington and the College is served by the Burlington telephone exchange. The number is 584-9711, Area Code 919.



## **Academic Sessions**

The College's academic year is divided into a 4-1-4 calendar. The fall semester is a four-month term, ending prior to Christmas holidays, followed by a one-month winter term and a four-month spring semester. During the one-month term opportunities are offered for travel and study abroad in addition to specialized courses on campus. Evening classes and a summer school of two terms of five weeks each are offered on a regular basis.

The calendar is designed to meet the needs of the following persons: (1) full-time students who plan to complete degree requirements within four years, (2) part-time students who must also be gainfully employed, (3) high school seniors who wish to take one or two college-level courses, and (4) members of the community who desire further educational work in day or evening classes.

Summer school serves the above purposes, plus providing an opportunity for new students or students enrolled in other colleges to accelerate completion of degree requirements.

The College offers workshops and seminars throughout the year.

Evening classes are scheduled in accordance with student demand.

**For information on all academic offerings, contact the Admissions Office.**

## **Summer School**

Summer School is an integral part of the instructional program of the College with courses carefully selected from those taught in the regular academic year. Instruction is by regular members of the faculty. Most classes are held in air conditioned classrooms.

There are two summer terms of five weeks each and students may attend either or both terms. Six semester hours are considered a full course load for each.

In general, admission and degree requirements, administrative regulations, student self-government and honor systems are basically the same for the Summer School as for the regular academic year.

## **Special Summer Programs**

### **Elon College National Brass Clinic**

Instrumental methods are taught to junior and senior high school students and band directors. The Clinic is held annually in June.

### **Study-Tour Courses**

Study-tour offerings include Biology (coasts of North Carolina and Florida) and North Carolina history.

### **All-Sports Camps**

Basketball (for both boys and girls), baseball, golf, volleyball, cheerleading, football, tennis, gymnastics, and swimming camps are held for elementary, junior, and senior high school students.

## **Special Academic Programs**

Elon offers various programs for those people with special needs and qualifications.



### **Academic Honors Program**

- Provides opportunity for academically talented students.
- Encourages Independent Study and Research Courses.
- Develops Academic Enrichment and Honors Courses.
- Allows enrollment by academic performance and interest.

### **Academic Skills Program**

- Assists students in understanding the basic concepts of reading, mathematics and communication skills.
- Gives small group instruction.
- Offers individual assistance by tutors and self-paced programs through the Learning Resources Center.
- Is offered in regular and summer sessions.

### **Career Oriented Programs**

- Provides opportunities for students to elect career-oriented fields such as Allied Health, Business Administration, Human Services, Public Administration, Recreation Administration, Teacher Education.

### **Direct Transfer**

#### *Community College or Junior College*

- Offers graduates of a college parallel program from an accredited junior college, community college or technical institute full credit with a direct transfer of up to 65 semester hours of work toward a *Bachelor of Arts* or *Bachelor of Science* degree.

#### *Community College or Technical Institute*

- Offers graduates of a technical or vocational program from an accredited community college or technical institute full credit with direct transfer of up to 65 semester hours of work toward a *Bachelor of Applied Arts* or *Bachelor of Applied Science* degree.

### **High School Credit Bank Program**

- Makes it possible for the student to have sophomore standing at the time of college entrance through completion of two Elon summer school sessions of two courses each and two courses at Elon during each semester of the high school senior year.

### **Internships**

- Provide opportunities for the student to combine academic classroom studies with related practical internship experience.
- Include many major fields.
- Give career training.
- Enhance student's employability in major field.
- Available in government, social services, schools, health fields and business.

### **Learning Resources Center**

- Provides computer assisted instruction.
- Enables courses to provide audio-visual resources for classroom use.
- Makes available self-paced learning programs to accelerate or catch up.

### **Military**

#### *Project Ahead — (Army Help for Educational Development)*

- Opens doors for those people who have not entered or completed college.
- Grants admission to eligible applicants at time of entry into armed services.

Grants credit for USAFI, previous college work or technical institutes, CLEP, and/or service experience according to ACE Guidelines.  
Offers built-in financial assistance.

*Bootstrap*

Offers degree programs to military personnel on educational leave.  
Offers transfer credit for USAFI, CLEP, previous college or technical institute work, and/or service experience according to ACE Guidelines.  
Offers built-in financial assistance.

*ROTC*

Offers military science program leading to commission in U.S. Army upon graduation.  
Offers flight training leading to private license.  
Offers built-in financial assistance and special scholarship programs.

*Credit for Veterans*

Offers military personnel on active duty opportunity to submit CLEP credit by contacting their Education Officers or USAFI in Madison, Wisconsin, for testing.  
Accepts credit for USAFI courses taken while in service.  
Transfers work completed at other accredited post-secondary institutions.  
Accepts service experience for physical education and health requirements.

**Minor Fields**

Provide support for study in related areas.  
Allow concentrations to broaden base for graduate work or employment opportunities.  
Should be designed in consultation with faculty adviser.

**Multiple Majors**

Provide flexible, innovative programs.  
Enhance capabilities for keeping up with rapid changes in business and professional fields.  
Help students to make good use of electives in completing degree requirements.  
Should be designed in cooperation with faculty adviser.

**Non-Traditional Student Program**

Designed to encourage adults to return to college for further study.  
Provides special as well as regular classes.  
Maintains counseling services.  
Offers special "preview privilege" for first-time non-traditional students.  
Conducts re-entry seminars for adults interested in entering college.

**Study Abroad**

Study-tours are scheduled as desired or needed to enhance a program and give students an opportunity to learn first hand from other countries and cultures. Tours are traditionally scheduled for the winter "mini-term" and summer session.

# Student Life, Services, and Organizations



## Student Life

Elon is committed to educating the whole person. This is a place for learning — but not all learning is in books.

Student life is more than classrooms, laboratories, study desks and libraries. Experiences in the residence halls, service organizations, Student Government, the Student Center, spontaneous social groups, and on intramural teams are critically important in the student's total development.

Through the many opportunities the College makes available throughout the year, the student can develop important insights about genuine communication, self-government, liberty, trust, honor and critical judgment. Programs designed by well-qualified faculty, staff and students provide — in the residence halls, on the playing fields, at the controls of the FM radio station, at Student Senate meetings, and in the classroom — opportunities for the student to develop an adequate self concept, a sense of career, a philosophy of life, and sound ethical and moral principles.

Students are encouraged to participate in those co-curricular and extra-curricular activities that interest them or are complementary to their academic programs.

## Student Personnel Services

***Counseling Service.*** The College maintains a Counseling Service staffed by faculty, administrators, and specially selected and trained students. This Service is designed to assist students with personal, academic, and vocational decisions. Students desiring assistance are urged to consult members of the Service.

***Personal Counseling.*** Counselors are available twenty-four hours a day and are responsible for providing every possible kind of help to each resident student. In each residence area there is an Area Coordinator. In addition, within each residence hall there are a Head Resident Counselor and a staff of Resident Counselors.

Supporting the residence hall staffs are personnel associated with the Office of Student Affairs, the Counseling Office, and the Chaplain. Identifying and meeting problems at an early stage offer a greater likelihood that genuine help can be given. Therefore, students are urged to make their needs known to any person or persons associated with the Counseling Service.

***Academic Advisory Program.*** Members of the administration and faculty serve as advisers to freshmen. Each freshman adviser works with a small group of new students beginning with Orientation and continuing until the Spring Semester. Normally, during the Spring Semester, the student will select a major and will be assigned an adviser in his new department. The advisers assist with course planning and registration and meet with their advisees periodically during the year to provide assistance in general adjustment to college life. Special academic counseling is provided to selected freshmen through the College's "Student-to-Student Counseling Program."

***Career Planning.*** The Director of Career Planning assists students in their choice of profession. Through testing programs, group and individual counseling, work internship and other special programs the student is encouraged to explore fully all possible job opportunities. As he passes through this process, emphasis is placed upon "life planning" so that career choice fits personal interest, ability, talent and job availability.

***Placement Service.*** The Director of Placement assists seniors and alumni in finding employment after graduation. Visiting representatives from industry, business, education, and government interview candidates on campus. With written permission from student or graduate, credentials are made available to prospective employers on a confidential basis. No charge is made for this service with the exception of a fee connected with the sending of official College transcripts.

***Health Service.*** The College maintains a Health Service. Located in William S. Long Student Center Building, it is open during regular hours each class day. The medical fee, which is included in the general fee, covers all emergency, clinic, and routine nursing services, and treatment by the College Physicians. This fee does not cover cases in which a physician, other than a College Physician, is called.

An opportunity to purchase a health insurance policy is provided to all full-time students.

***Campus Living.*** Residence halls are modern and attractive. Each room is furnished with single beds, bureaus, desks, and chairs. The student brings pillow, pillowcases, sheets, blankets, bedspreads, towels and such other articles as a wastebasket, rugs, and lamps. Residence halls open 2:00 p.m. the day before

registration each semester. They are closed during Thanksgiving, Christmas, Spring, and Summer vacations. Rooms will be vacated and residence halls are locked no later than 6:00 p.m. on the day classes end before these vacation periods. All students are required to room in the residence halls unless they are living with their parents, relatives, or spouses with these exceptions: if a student is to be twenty-one or will have 84 semester hours of degree credit prior to September 1 of the academic year, and if permission is obtained from the Dean of Student Affairs prior to the preceding March 15, the student will be permitted to live off campus. The College can assume no responsibility for location or approval of off-campus facilities and cannot serve as an intermediary in any way between the student and his landlord.

Students have access to laundry facilities in the residence halls.

Meals are served in the College dining halls, which are opened for the evening meal before the first day of registration and closed after the evening meal of the last day of final examinations. For vacation periods, they are closed after the evening meal of the last day of classes and opened with the evening meal the day before classes are resumed.

*Commuter Students.* Programs designed to meet the particular needs of commuter students are offered through the Office of the Coordinator of Commuter Activities who works in cooperation with a special student advisory committee. Weekly meetings, discussion groups, "Lunch Talks," special projects, counseling, and other activities form part of the commuter student's experience.

## Freshman Orientation

Freshman Orientation is held immediately prior to the opening of the Fall Semester. All entering students are expected to participate in the program which is designed to assist in preparing for the beginning of the College experience. Orientation features the use of small group activities as well as academic advising, testing, registration, lectures, and social activities.

## The Student Center

Social activities at the College are largely planned and coordinated by the Student Center Board which is advised by the Coordinator of Student Activities and composed of students. An extensive program of social, recreational, club, and special interest activities is carried out during the year. Among these are movies, folk entertainment, travel groups, special theme parties, intramurals, and drama activities. In addition, the Entertainment Committee of the SGA sponsors weekend concerts several times a year.

## Student Government

Representing the interests of the Elon student body is the Student Government Association (SGA). It enjoys the full support and cooperation of the faculty and staff of the College. Projects and proposals dealing with social, cultural and academic life are promoted by the SGA President and the Student Senate.

In addition, House Governments, designed to provide self determination in each residence hall, carry out important student governing functions. Finally, students play a direct role in academic and social policy-making through voting membership on numerous College committees.



## Honor System

At the heart of campus life is the Honor System, initiated by the student body and approved by the faculty and the Board of Trustees of the College. This system is a code of student living under which it is assumed that all students will conduct themselves as ladies and gentlemen.

The Honor System consists of two codes — the Honor Code and the Campus Code. Under the Honor Code the student is on his honor to be honest and truthful. Under the Campus Code the student is bound to be a lady or a gentleman and to conduct herself or himself as such at all times. He or she is expected to see, insofar as possible, that fellow students do likewise. A full description of the Honor System and of the Rules and Regulations pertaining to campus life is found in the *Elon Student Handbook*.

## Religious Life

The College provides the services of a Chaplain. Voluntary religious services are held weekly during the academic year. The Elon College Community Church, just off the campus, is affiliated with the United Church of Christ and open to all students for worship. Most denominations have churches within a few miles of the campus. Groups meet regularly for Bible study, group discussions, service projects and social activities.

## Cultural Life

Each year a variety of programs is offered for the cultural and intellectual enrichment of campus life.

The Lyceum Series brings outstanding artists and performers to the campus during the year.

The Liberal Arts Forum, sponsored by the Student Government Association, schedules a number of lectures and presents an annual Spring Symposium.

A number of distinguished scholars in various fields are invited to the campus each year to provide lectures and seminars for the enrichment of the academic program.

There are also recitals in Whitley Auditorium by members of the Music Department faculty and advanced students in music. Several band and orchestra concerts are scheduled. Each year before the beginning of the Christmas holidays, the Elon Choir presents Handel's oratorio, *Messiah*.

Plays presented by Elon students and by visiting drama groups are also a feature of the College's cultural offerings.

## Greek Organizations

There are 11 social fraternities and sororities at Elon. A number of these occupy College-owned houses. Fraternities include Tau Kappa Epsilon, Iota Tau Kappa, Kappa Psi Nu, Kappa Sigma, Sigma Phi Epsilon, Sigma Pi, and Pi Kappa Phi (colony); sororities are Zeta Tau Alpha, Sigma Sigma Sigma, Phi Mu, and Alpha Sigma Alpha.

## Honor Societies

*Alpha Chi*. The objective of this national scholastic society is the stimulation, development, and recognition of scholarship and those elements of character that make scholarship effective for good. To be eligible for membership, a

student must be a junior or senior, must be of good standing, and must have distinguished himself by academic accomplishments of a high order.

*Beta Beta Beta.* The objective of this national honor society is to recognize scholastic achievement in the Biology program.

*Epsilon Beta Epsilon.* The objective of this honor organization is to recognize scholastic achievement by majors in economics and business courses.

*Omicron Delta Kappa.* This national society recognizes students, faculty, alumni, and outstanding citizens for exemplary character, scholarship and intelligence, service and leadership in campus life, good citizenship within the academic and larger community, fellowship and consecration to democratic ideals. Its purpose is to encourage them to continue in these endeavors and to inspire others to strive for similar conspicuous attainment.

*Phi Alpha Theta.* The objective of this national honor society is to recognize scholastic achievement in the History program.

*Pi Gamma Mu.* The North Carolina Alpha chapter of Pi Gamma Mu, National Social Science Honor Society, was chartered in 1929 and is one of four in North Carolina. Pi Gamma Mu is a member of the Association of College Honor Societies. Student and faculty members who attain distinction in the social sciences at Elon are eligible for nomination into membership. Nominations usually are made twice a year.

*Sigma Sigma Epsilon.* The objective of this honor organization is to recognize scholastic achievement in the Secretarial Science programs.

## Service Organizations

*Alpha Phi Omega.* This is a national collegiate service fraternity which presents a program of leadership, friendship and service. Members must qualify through service to the campus and continue this service as long as they remain in the chapter.

*Elon Collegiate Civinettes.* The Civinettes are a service club sponsored by the Burlington Civitan Club. They provide service to the College and community through projects on and off campus.

## Who's Who

A committee composed of members of the faculty, administration, and student body each year elects students to be listed in the national publication *Who's Who in American Colleges and Universities*. Selection is made on the basis of scholarship, participation and leadership in academic and extra-curricular activities, citizenship and service to the College, and promise of future usefulness.

## Athletics

*Intramurals.* The purpose of the intramural program is to give all students an opportunity for healthful activity and recreation. Both men and women participate in football, racquetball, volleyball, co-rec volleyball, water polo, badminton, tennis, basketball, and softball.

Winning teams and individuals are awarded trophies in all sports.

The Intramural Council, composed of representatives of all social clubs, dormitories, and the commuter student group, is an advisory group for the Director of Intramural Programs and his staff and works to promote the program.



*Intercollegiate.* A member of the Carolinas Intercollegiate Athletic Conference, the South Atlantic Conference, the National Association of Intercollegiate Athletics, and the Association of Intercollegiate Athletics for Women, Elon has teams which compete with other colleges in football, basketball, wrestling, baseball, tennis, golf, track, soccer, women's volleyball, cross country, and women's basketball.

## Student Organizations

*Class Organizations.* Each class has its own organization and elects its officers and representatives to the Student Government each year.

*Elon Band.* The Elon College Band is composed of three units: the Marching Band; the Concert Band; and the stage band, the Emanons of Elon. Two of the credit hours in Marching Band may be substituted for the requirement in physical education. Membership in the band is open to all members of the student body.

*The Elon Choir.* The Elon Choir, the student mixed chorus, presents concerts of sacred and secular music at the College and in various communities in North Carolina and other states and sings for College convocations and vesper services. Membership, which gives one credit hour a semester, is open to all students.

*Elon College Fellowship.* The ECF is open to all students who wish to participate in regular sessions for prayer, Bible study, and informal discussion aimed toward the development of a Christian lifestyle.

*Elon College Community Orchestra.* The College-Community Orchestra is made up of students and townspeople who enjoy active participation in a symphony-type musical organization. Weekly rehearsals are held, with full-length concerts given in the fall and spring and other appearances at such occasions as the annual presentation of Handel's *Messiah*. One credit hour a semester is granted student participants.

*Sigma Alpha Mu.* This is a club open to all students in Business Administration or related fields. Its purposes are to sponsor programs for the betterment of all students and to promote the business, social, and economic welfare of the individual members of this organization.

*Departmental Groups.* In addition to the above-named organizations, there are the following departmental groups: the Business Students Communications Committee, the Student Chapter of the Music Educators National Conference, the Student Chapter of the North Carolina Music Teachers Association, and the Student National Education Association. These clubs are active in promoting the interests of their respective departments.

## Communications Media

*The Board of Student Communications Media.* The Board is composed of students and members of the faculty and administration. It advises, guides, and encourages all student media on campus.

*Communicator.* The College publishes a weekly newsletter containing information of general interest to members of the student body, faculty, and administration.

*Elon Colonnades.* This is the College literary magazine. It is published by students interested in creative expression, both verse and prose.

*The Pendulum.* The College newspaper, the *Pendulum*, is published weekly by a student staff.

*Phi Psi Cli.* The College yearbook is edited by members of the student body. Its name, *Phi Psi Cli*, commemorates the three former literary societies.

*Radio Station.* WSOE-FM, the campus radio station, operates each day and is manned primarily by students. The station broadcasts from a modern facility in Harper Center.

## Traditional Events

*Alumni Day.* This day is one of the highlights of the year and the time for class reunions. The Alumni Association honors its outstanding alumnus of the year at the Alumni Banquet.

*Founders Day.* A convocation honoring the founders of Elon College is held in the spring of the year.

*Greek Weekend.* A time for relaxation, competition, and fun is sponsored each spring by Greek letter organizations. Contests of various kinds — tug of war, potato sack races, chariot races, dance competition, and skits — are presented with prizes awarded to the winners of each category.

*Homecoming.* Homecoming takes place in the fall, bringing back to the campus many former students. Entertainment includes golf and tennis tournaments, a football game, and the homecoming dance. Students take great pride in decorating the campus for the occasion. Awards are made for the best decorations.

*Parents Weekend.* At some time during the year parents are invited to visit the campus and participate in several events planned especially for them.

*Spring Weekend.* Each spring the students plan a weekend of social activities centering around concerts by well-known music groups.



## Awards

*The Basnight Awards.* Given in memory of the late Stein H. Basnight of Chapel Hill, N. C., by his family, to the (1) Outstanding Biblical Student and (2) Outstanding Athlete.

*Robert C. Browne Memorial Sportsmanship Award.* Established in memory of Robert C. Browne, an alumnus of the College, by his sister, Pretto Browne Crumpton, and her husband, Dr. J. L. Crumpton. The award is presented annually to the Elon College athlete who has best displayed the qualities of sportsmanship during the year.

*English Scholar of the Year.* Awarded to the rising senior English major who, in the opinion of the English faculty, has best demonstrated superior qualities of scholarship and character during this school year. Donations from members of the Department of English faculty provide for this award annually.

*W. L. Monroe Christian Education and Personality Awards.* In memory of Dr. W. A. Harper and Dr. John G. Truitt. A trust created by the late W. L. Monroe, Sr., Class of 1918, provides two cash awards to the recipients. Emphasis is placed upon citizenship, modest economic background, qualities of good common sense, desire to help others and the improvement of the whole person.

*Pi Gamma Mu Scholar Award.* Presented by the North Carolina Alpha Chapter of Pi Gamma Mu, National Social Science Honor Society, to the outstanding student in the division of the Social Sciences.

*The Shackley Awards.* Two awards given by the late Dr. George Shackley of St. Petersburg, Florida, to the (1) student showing most improvement in piano during the year (2) student showing most improvement in organ during the year.

*The Marcella Rawls Saecker Award.* This award, in memory of Mrs. Marcella Rawls Saecker, Class of 1942, is presented to a senior girl whose citizenship best exemplifies the goals and philosophy of Elon College.

*Ella Brunk Smith Memorial Fund.* This endowment fund was established in memory of the late Ella Brunk Smith by her husband, Dr. L. E. Smith, fifth president of the College. The income from the fund is used to provide a cash award each year to the young lady who, in the judgment of the faculty upon recommendation of the Department of Religion, has made the greatest contribution to the moral and religious life of the campus.

*Dudley Ray Watson Memorial Award.* Awarded to the outstanding senior at Elon College majoring in Business Administration. This award is sponsored by the Elon Chapter of Sigma Alpha Mu.

# Admissions, Finances, and Financial Aid



## Admission Procedures

Elon College operates on the Rolling Admissions Plan — completed applications are acted upon and candidates notified within two to four weeks. Admission is based on the high school record and class rank, SAT or ACT scores, recommendations and, in the case of transfer students, previous college work and recommendation. While a personal interview is not necessary, it is helpful both to the prospective student and to the College.

Elon College admission packets are available from many high school guidance offices or directly from the Admissions Office of the College. Completed applications should be returned with a non-refundable \$10 application fee and transcripts of all high school credits and any post secondary work attempted.

Degree candidates and special students must satisfy the Committee on Admissions as to intellectual promise, as well as emotional and social stability.

Admission generally requires no fewer than the following number of units of high school credit:

English	4	One Foreign Language	2
Math	2 (Algebra I, II or Algebra I & Geometry)		
History	1	Science	1

## Entrance Examinations

Applicants for admission to Elon College are required to submit their scores on the Scholastic Aptitude Test of the College Entrance Examination Board or the American College Test of The American College Testing Program. For either test, scores should be sent directly to Elon College.

Application blanks, lists of testing centers and dates, and rules on applications, fees, reports, and the conduct of testing are available in most high school guidance centers in the United States.

## Acceptance On Condition

Students who have been graduated from a secondary school but do not meet the requirements in subject matter areas and units may be accepted on condition. The deficiency must be removed at Elon before the beginning of the sophomore year. Students entering with a deficiency may not be able to complete degree requirements in eight regular semesters.

Students whose deficiencies indicate a need for special work may be required by the Admissions Committee to participate in the Academic Skills Program. Upon successful completion of this work and recommendation by the Academic Skills Program Director, the student may proceed with regular course work.

## Special Students

The College admits a limited number of special students. These include:

1. *Persons who wish only private music instruction* in the Department of Fine Arts are admitted if instructors are able to schedule lessons for them.

2. *Persons 21 years of age or older who are not high school graduates* or candidates for a degree but wish to take class work. Such applicants are accepted on the basis of maturity, seriousness of purpose, and background sufficient to do the class work desired.

3. *College graduates* who are interested in further study at the College. They are admitted if they fulfill the requirements for admission to the desired courses.

4. *High school students* who wish to take work on the Elon campus prior to and during their senior year. Credit for this work is generally transferable to other institutions. Sufficient credits may be earned to enable students to have sophomore standing prior to regular admission.

5. *High school students who wish to enter Elon at the end of their junior year* may submit an application for special consideration for early admission.

## Advanced Placement

Applicants for admission to freshman status may be placed in advanced classes in fields in which they have demonstrated superior ability and understanding. This is done by the Dean of Academic Affairs with the approval of the department chairmen.

## Credit by Examination

### Advanced Placement Examination

Students who earn a score of 3 or better in the Advanced Placement Tests of the College Entrance Examination Board taken at the high school during Spring of the senior year may receive credit in the following fields: Biology, Chemistry,



English, History, Mathematics, Physics. Scores should be sent to the Director of Admissions for approval of the Dean of Academic Affairs.

#### **College Level Examination Program (CLEP)**

Students who score in the 50th percentile or better on CLEP subject examinations may earn as many as 26 semester hours of credit in the following:

Accounting 211, 212; Biology 111-112; Chemistry 111, 112; Economics 211, 212; English 111, 112; History 111, 112, 211, 212; Mathematics 111; Psychology 211.

Scores should be sent to the Director of Admissions for approval by the Dean of Academic Affairs.

#### **American College Testing Proficiency Examination Program (PEP)**

Students who demonstrate proficiency in the PEP examination may earn college credit in the following:

American Literature 221, 222; Freshman English 111, 112; Accounting 211, 212; Education 211; Educational Psychology 321; Physical Education 120.

Scores should be sent to the Director of Admissions for approval by the Dean of Academic Affairs.

#### **Department Examination**

Students may contact the Dean of Academic Affairs for details concerning the process for credit through examination by departments at Elon in areas not covered above.

### **Transfer Program Information**

#### **Direct Transfer Program in Applied Arts and Applied Sciences**

- A. Bachelor of Applied Arts (for those who hold an Associate in Applied Arts)
- B. Bachelor of Applied Science (for those who hold an Associate in Applied Science)

NOTE: Students receiving an Associate Degree in a vocational or technical area from an accredited technical institution or community college may transfer all work up to and including 65 semester hours (or equivalent) for application toward a BAS or a BAA degree. However, the BAA in Early Childhood Specialist will not meet teacher certification requirements in North Carolina.

- C. Requirements for BAA or BAS Degree
  - 1. A student will transfer his major.
  - 2. He will complete general education distribution requirements at Elon College.
  - 3. He will earn enough additional elective hours at Elon to equal the 126 required for graduation.

#### **Direct Transfer Program in Liberal Arts**

- A. Bachelor of Arts
- B. Bachelor of Science

NOTE: Graduates of accredited community colleges or junior colleges who hold an Associate of Arts or an Associate of Science Degree may continue

their education at Elon College and receive full credit for their study at the junior college level, with direct transfer of up to 65 semester hours of work.

C. Requirements for an AB or BS Degree

1. The student must complete the requirements for a major at Elon.
2. He will complete any general education distribution requirements necessary.
3. He will earn enough additional elective hours to equal the 126 necessary for graduation.

D. Transfer of Partial Credit (No Associate Degree)

Credit is given for satisfactory work in college parallel courses from any accredited institution insofar as it parallels the work at Elon. However, no credit is allowed for a course in which the grade is below that of "C," except in direct transfer.

**Transfer for Radiologic Technologists**

- A. Work leading to certification by the American Society of Radiological Technologists may be transferred to Elon College under the program in Applied Arts or Applied Sciences.
- B. The course may be completed in an accredited technical institute, community college, or hospital.
- C. The student must be eligible to sit for the National Board Exams or have completed and passed the exam. Certification by the board is a requirement for graduation at Elon.
- D. The student may complete the clinical work before or after attending Elon.

**Credit for Veterans**

Veterans entering Elon may transfer certified credits from various areas.

1. Military personnel on active duty who wish to submit CLEP credits should see their Education Officers concerning CLEP tests or write to USAFI, Madison, Wisconsin.
2. USAFI courses taken while in the service may be accepted for credit.
3. Work for other accredited post-secondary institutions may transfer.
4. Service experience may be accepted for physical education and health requirements.

**General Costs**

Elon College invests in the educational program for each student approximately the same amount that he is asked to pay for his college education. This is possible because of endowment funds and other sources of revenue.

The cost of attending Elon is reasonable. A dormitory student's tuition, room and board for the 1979-1980 academic year is \$3281.50. For a commuter student, the cost of a year's tuition is \$2084. The student taking the evening classes pays \$40 per semester hour. The estimated cost of books is \$250 to \$270 for the scholastic year.

Of the estimated \$270 for books and supplies, the student needs about \$150 for purchases from the bookstore at the opening of the fall semester.

Student Government Association and PIRG fees are collected from all full-time students during registration. The fees cover activities of these organizations.



These estimates do not include fees for special courses and special laboratory work, which depend upon the course of study undertaken, nor personal expenses, which vary with the individual student. For the student who must earn money toward his college expenses, there are a number of opportunities for work.

## Room Rent

Students changing rooms without permission of the dean are charged for both rooms. Student-owned furniture is not permitted in the residence halls.

## Costs Covered by Tuition

Included in the tuition fees are costs of registration, use of the library, recreation facilities, student publications, health service, post office box, laboratory fees, and 12 to 17 semester hours of work, inclusive each semester. No charge is made for band, orchestra or choir.

## Board Costs

All resident students are required to board in the College dining hall. The cost of board is subject to change without notice. Double charge is made for special diets.

Students living off campus but enrolled as full-time students may eat in the College Dining Hall upon payment of board fees for each semester as determined by the Business Office.

## Expenses for 1979-80 Academic Year

DAY CLASSES	Fall	Winter	Spring
Full Time	Semester	Term **	Semester
Tuition . . . . .	\$1042.50*	\$60.00	\$942.50*
Board . . . . .	337.50	96.50	337.50
Room . . . . .			
<i>Barney, Brannock, Carolina,</i>			
<i>Hook, Moffitt, Sloan, Smith,</i>			
<i>Staley, Virginia, West, Iota Tau</i>			
<i>Kappa, Kappa Psi Nu, Phi Mu,</i>			
<i>Sigma Phi Epsilon, Sigma Sigma</i>			
<i>Sigma, Zeta Tau Alpha, Tau Kappa</i>			
<i>Epsilon, and Kappa Sigma . . . . .</i>			
	213.00		213.00
Student Government &			
PIRG Fees . . . . .	19.50		19.50
Part Time			
One course, Fall and Spring, each semester hour . . . . .			\$ 40.00
One course, Winter, each semester hour . . . . .			50.00
More than one course, each semester hour . . . . .			60.00
High school students, each semester hour . . . . .			35.00

\*For a 12-17 semester hour load: extra hours at the rate of \$20.00 per semester hour, excluding credit for choir, band and orchestra.

\*\*For a student not enrolled full-time in the Fall semester or who takes courses during the Winter Term only, tuition is \$50.00 per semester hour, and room and board is \$150.00, making a total of \$300.00 for a three-hour course. Minimum tuition charge is \$60.00 for Winter Term. Additional tour costs for Study Abroad Program. Tour costs are not subject to discount or tuition remission.

**EVENING CLASSES**

Fall and Spring, first six semester hours, each semester hour . . . . .	\$ 40.00
More than six semester hours, each semester hour . . . . .	60.00
Winter, each semester hour . . . . .	50.00
Combination of evening and day classes, each semester hour . . . . .	60.00

**SUMMER SCHOOL 1979****For Each Term:**

Tuition, each semester hour . . . . .	\$ 40.00
College Fees . . . . .	30.00
Room and Board . . . . .	188.50
Student Government Association Fee (for 6 semester hours) . . . . .	1.00

**SPECIAL FEES****Fine Arts Courses**

For extension and part-time students, special fees are charged for piano, organ, voice, band and orchestral instruments, and art courses. The fees for each semester are:

Two lessons each week in piano, organ, violin, voice, band, art . . . .	\$145.00
One lesson each week in piano, organ, violin, voice, band, art . . . . .	90.00

**For Winter Term:**

Two lessons each week in piano, organ, violin, voice, band, art . . . .	\$ 45.00
One lesson each week in piano, organ, violin, voice, band, art . . . . .	30.00

**Other Special Fees**

Auditing courses, each . . . . .	\$ 30.00
Driver Training — P.E. 260 . . . . .	10.00
Golf — P.E. 105, P.E. 161, each course . . . . .	10.00
Art — Art 101, 102, 103, 104, 112, 311, 312, each course . . . . .	10.00
Art 111, 271, each course . . . . .	5.00
First Aid — P.E. 220, 221, each course . . . . .	5.00

**Graduation, Diploma, and Certificate Fees**

Graduation . . . . .	\$ 22.50
Diploma in piano, organ, voice, each . . . . .	10.00
Secretarial — one year . . . . .	6.50
Secretarial — two years, Associate in Arts, Associate in Science . . . . .	12.50
Medical Laboratory Technician — Associate in Science . . . . .	12.50

**Miscellaneous Fees**

Late Registration . . . . .	\$ 10.00
Changing dormitory room after registration . . . . .	2.00
Transcript (no charge for initial transcript) . . . . .	2.00
Re-enrollment after removal from classes for failure to pay accounts when due . . . . .	5.00
Failure to make account payments when due . . . . .	1.00
Caution deposit (includes key deposit) . . . . .	25.00
Examination for Course Credit . . . . .	25.00
Recording fee for CLEP or PEP examination . . . . .	10.00

Motor Vehicle Registration per year, non-refundable	
Residential students . . . . .	10.00
Commuting students . . . . .	5.00
Registration for each additional vehicle . . . . .	1.00
Duplicate I.D. Card . . . . .	5.00
Duplicate Meal Ticket . . . . .	5.00

A student's transcript may be withheld if his financial obligations to the College have not been fulfilled.

## Budget Payment Plans

The Insured Tuition Payment Plan of Boston, well-known in the educational fields, offers two convenient payment programs for persons who desire to budget the annual cost in monthly installments. Both programs include insurance protection which covers the balance of the cost of the entire educational program in the event of the death or disability of the insured parent.

1. The Prepayment Program begins before the first payment is due at the College and ends before graduation. This is not a loan plan, incurs no debt, carries no interest and is available at a small service charge.

2. The Extended Repayment Plan is a low cost loan program. It reduces monthly payments and spreads cost over a longer period of time.

For complete information, write to:

Richard C. Knight Insurance Agency, Inc.  
Insured Tuition Payment Plan  
53 Beacon Street  
Boston, Massachusetts 02108

Several banks, some savings and loan associations, and other financing institutions have developed plans to assist students and parents in financing an education. Parents who are interested in such plans and wish additional information should consult such private institutions. The College will be happy to render any possible assistance.

## Acceptance, and Room Reservation Fees

*All Resident Students.* To complete acceptance and to reserve a resident room, a deposit of \$125 is due within the time specified in the letter of acceptance. This deposit is credited to the student's account. The full amount is refundable until May 1, with written notification of withdrawal. After May 1, \$25 is refundable until August 1. For the spring semester the full amount is refundable until December 15. A forfeited deposit can only be refunded upon a doctor's statement of applicant's inability to enroll.

If a resident student decides to commute, the Admissions Office must be notified before May 1, in order to get full credit for the room deposit.

*All Commuter Students.* To complete acceptance, a deposit of \$50 is due within the time specified in the letter of acceptance. It is not refundable after May 1 for the fall semester, and December 15 for the spring semester, except upon a doctor's statement of applicant's inability to enroll.

## Refunds

1. Courses dropped after six class hours are payable in full.

2. Evening courses, summer school courses, and courses taken by part-time students dropped within six class hours after classes begin are subject to rebate of 50 percent of the cost involved. All courses are payable in full after six class hours of classes. The student who withdraws from school in the allowed period is eligible for a prorated refund.

3. Tuition and fees are refunded on a pro rata basis in case of withdrawal from the College or course during the first six class hours of the semester, provided the student receives permission from the Dean of Student Affairs and checks out through the Business Office and Financial Aid Office at time of withdrawal. Refunds after the first six class hours are made on a pro rata basis when a student withdraws from college because of illness and presents a statement from the attending physician. Any part of a week will be considered as a full week for the purpose of charging tuition and fees.

4. Charges for room and board are made for the semester for which the student enrolls, and refunds are made on a pro rata basis for board only, provided the student receives permission from the Dean of Student Affairs, the Dean of Academic Affairs and checks out through the Business Office and Financial Aid Office at time of withdrawal. No reduction in board charges is made for absences of less than two full consecutive weeks. When a student is permitted to withdraw and adjustments are involved for board, any part of a week will be considered as a full week for purposes of board charges.

5. Refunds for private lessons in music and art are made on a pro rata basis only when the student withdraws from the college because of illness and presents a statement from the attending physician.

6. In the event that a student does not fulfill graduation requirements, he is entitled to a refund of \$15.00 of the graduation fee. A student who does not fulfill requirements for Associate in Arts/Science is entitled to a refund of \$6.25. A student who does not fulfill requirements for a secretarial certificate is entitled to a refund of \$3.25 of the certificate fee.

The College reserves the right to change any and all fees.

## Financial Aid

Elon College operates on the policy that no student should be denied a college education because of limited funds. As far as possible students are aided in meeting costs through careful planning and through various forms of financial assistance.

To be eligible to receive any type of financial aid except Basic Educational Opportunity Grant (BEOG), students must be enrolled for at least 12 semester hours of classes per semester. BEOG requires at least six semester hours and the amount of the grant is reduced appropriately.

There are three types of aid:

- Grants that require no repayment.
- Long term, low interest loans.
- College Work Study and Institutional Work Study.

Financial aid usually includes some portion of each type of assistance.

Applications for a "named" scholarship are not necessary. Recommendations are made by Financial Aid Committee.





Prior to May 1 *EACH YEAR* entering students, transfer students and continuing students **MUST** complete and file a Financial Aid Form (FAF) of the College Scholarship Service or Family Financial Statement (FFS) of American College Testing Program, being sure to complete the BEOG section and request that a copy of the report be sent to the Director of Financial Aid at Elon College.

These forms are available upon request from the Elon College Office of Admissions and Financial Aid and most high schools.

Students who feel they are financially independent of their parents should contact the Elon College Office of Financial Aid for application instructions.

## Government Sponsored Financial Aid Programs

*Basic Educational Opportunity Grants.* Basic Educational Opportunity Grants are based on financial need. Contact the Elon Office of Admissions and Financial Aid or your high school counselor. (Application contained within FAF or FFS.)

*National Direct Student Loan Fund.* Under the terms of this program, students at Elon College may secure loans from this fund. To be eligible a student must maintain a good standing, be in need, and have been accepted for enrollment to carry at least half of the normal full-time work load. Interest rate is 3 percent and begins nine months after a borrower ceases to pursue at least a half-time course of study.

*North Carolina Legislative Tuition Grant.* A \$400.00 tuition grant is available to all bona fide North Carolina residents in full-time study in a private college within the State. For further information contact the Office of Admissions and Financial Aid.

*North Carolina Contractual Scholarship Fund.* The North Carolina State Legislature has passed legislation providing funds for needy North Carolina residents who wish to attend a private college. These scholarships are administered by Elon College based on financial need.

*Guaranteed Student Loan Program.* The Guaranteed Student Loan Program is designed to make it possible for students to borrow from private lenders to help pay for the cost of education and training at universities, colleges, and vocational schools with the Federal Government paying part of the interest for qualified students. Loans are either guaranteed by State or private nonprofit agencies or insured by the Federal Government.

A student may apply for a maximum of \$2,500 per academic year. Total loans outstanding may not exceed \$7,500 for undergraduate students.

In North Carolina, this program is administered by College Foundation, Inc., Raleigh, North Carolina.

*College Work-Study.* Students who qualify for financial assistance who need a job to help pay for college expenses are potentially eligible for employment by their colleges under federally supported Work-Study Programs. Students may work up to 15 hours weekly while attending classes full time. During the summer or other vacation periods, students may work full time. To work under this program, a student must be in good standing and enrolled on a full-time basis.

*North Carolina Student Incentive Grant.* Gift aid granted to low income North Carolina residents attending a public or private educational institution within the State. Grants are approximately \$200-\$1,500 and are administered by College Foundation, Inc.



## Student Employment

*Institutional Work-Study Program.* This program is maintained by the College to provide students part-time employment on campus to help defray their college expenses.

*Off-Campus Employment.* The College strives to help as many students as possible find part-time employment in the surrounding community.

## Presidential Scholarships

*Danieley Scholarship.* In honor of Dr. J. E. Danieley, sixth president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Harper Scholarship.* In memory of Dr. W. A. Harper, fourth president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Long Scholarship.* In memory of Dr. W. S. Long, founder and first president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Moffitt Scholarship.* In memory of Dr. E. L. Moffitt, third president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Smith Scholarship.* In memory of Dr. Leon Edgar Smith, fifth president of the College, this fund was established by an initial gift from John T. Kernodle, of Richmond, Virginia. Additional contributions have been received from friends of former President Smith. The income from this endowment is used to aid worthy students.

*Staley Scholarship.* In memory of Dr. W. W. Staley, second president of the College, a scholarship is awarded to some worthy member of the freshman class.

## Academic Scholarships

*Walter H. and Barbara Day Bass Scholarship Fund.* This endowment was created by Mr. and Mrs. Bass, graduates of Elon College. The income from this fund is awarded to students who have financial need and a record of high academic achievement. The scholarship is renewable upon continued academic success and demonstrated good citizenship.

*Caddell Memorial Scholarship Fund.* Established in memory of Dr. Stephen Washington and Cora Bell Caddell by members of their family. Income from this endowment will be used as scholarship aid for a student of good character who has demonstrated high academic achievement.

*Wallace L. Chandler Scholarship Fund.* Established as an endowment to provide income for scholarships for students from the Richmond, Virginia, metropolitan area, who have demonstrated high academic achievement and have substantial promise for continued success.

*Elon Scholars Program.* Established by the trustees of Elon College. Scholarships are awarded each year to students with outstanding promise.

*Gibsonville Memorial Scholarship.* Established in 1974 in memory of deceased members of the Gibsonville Business and Professional Women's Club and the Gibsonville Rotary Club, this annual scholarship is awarded to a worthy and needy Guilford County student residing in the Gibsonville area who has an outstanding academic record.

*Jesse Weldon Harrington Scholarship Fund.* This endowment was established by citizens of the community in honor of Mr. Harrington for his leadership and many years of dedicated service at Williams High School. Income from this Fund is used for Williams High School graduates who have demonstrated leadership and academic achievement.

*The Ralph F. and Florance Walker Kirkpatrick Scholarship Fund.* Established by Mr. and Mrs. Ralph F. Kirkpatrick of Burlington, North Carolina. Earnings from this endowment fund are used for the purpose of providing an annual scholarship to a student from Alamance County with an outstanding academic record.

*McCrary Scholarship Fund.* Established by Iris and John McCrary. Earnings from this fund will be used to provide a scholarship for academically talented students who have financial need.

*Elwood E. Stone Scholarship Fund.* Established in memory of Elwood E. Stone by his wife, Lucile C. Stone, and their son, Elwood E. Stone, Jr. The income from this endowment is awarded annually to a promising student who is pursuing a career in early childhood education.

*Margaret Delilah Bobbitt White Scholarship Fund.* Established in memory of Mrs. White by her son Colonel Henry E. White of Lexington, South Carolina. The interest from this endowment fund is awarded to an outstanding student, preferably from Vance County, North Carolina.

## General Scholarships

*Alamance-Caswell Scholarship Fund.* Created by a gift from an anonymous donor. The income from this fund is awarded annually to a student from Alamance or Caswell County who has demonstrated high academic achievement and high moral character and has need of financial aid.

*Nina and Dickie Andrews Scholarship Fund.* Mr. R. Homer Andrews created this fund in memory of his wife, Nina, and their son, Dickie. The income is to be used to provide scholarships for needy and worthy students, preferably from Alamance County.

*The Dr. J. O. Atkinson Memorial Scholarship Fund.* This endowment was created by the members of the family of the Reverend J. O. Atkinson. The income is to be used as financial aid for deserving students.

*John W. Barney Memorial Scholarship Fund.* The fund was established by colleagues, former students, and friends of the late John W. Barney, a graduate of Elon College in the class of 1910 and a member of the faculty of the College from 1925 until his retirement in 1958.

*Barrett-Harward Scholarship Fund.* Created by William E. and Sue Barrett Harward in memory of Waverly S. Barrett, founder of the Dendron, Virginia, Christian Church and outstanding churchman and civic leader, and William D. Harward, Class of 1896 and minister of North Carolina and Virginia Christian churches for 45 years. The income from this fund is awarded preferably to a student pursuing the ministry or other full-time Christian vocation.

*Brannock Scholarship.* The Brannock fund was established by former students of Dr. Ned Faucette Brannock, who served as a member of the College faculty from 1908 to 1959. The earnings from the fund are used to provide a partial scholarship for a senior in the Department of Chemistry who engages in an original research project as part of his study program.

*The C. V. "Lefty" Briggs Athletic Scholarship Fund.* Established in honor of C. V. "Lefty" Briggs, class of 1930, member of the Elon College Sports Hall of Fame, by his daughters. The income from this endowment is awarded annually to a man or woman who possesses outstanding athletic ability and high moral character.

*Burlington Business and Professional Women's Club Scholarship.* Provides scholarships for needy and worthy women students from Alamance County.

*Byrd Scholarship Fund.* Established by C. R. Jr. and H. W. Byrd. Earnings from this fund are used to provide scholarships for employees of Byrd's Food

Stores, children of employees or students pursuing a course of study leading to a career in full-time Christian work.

*Class of 1925 Scholarship Fund.* This endowment fund was established in "honor of the living and in memory of the deceased" members of the class of 1925. The income from this fund is used to provide scholarship aid for worthy students.

*George D. Colclough Scholarship Fund.* Created by gifts from the family and friends of George D. Colclough, class of 1924, who served as a member and Secretary of the Board of Trustees of the College. The income from the fund is awarded annually to a deserving student.

*Collins and Aikman Scholarship.* This scholarship is presented annually by the Yarn Division of Collins and Aikman, Inc., to a deserving student at Elon College.

*The Alan Wheeler Crosby Scholarship Fund.* This fund was created in memory of Alan Wheeler Crosby of Hampton, Virginia, by the Crosby family and his friends. The income from this fund is used to provide scholarship aid to needy and worthy students.

*Delta Kappa Gamma Scholarship.* The Beta Omega Chapter of Delta Kappa Gamma Society provides an annual scholarship to the outstanding rising senior preparing to teach who is a resident of Alamance County. The grant will be credited to the student's account in the fall semester of his or her senior year.

*Dewey Hobson Dofflemeyer Scholarship Fund.* Established in memory of Dewey Hobson Dofflemeyer by his wife, Annie Onley Dofflemeyer. Dr. Dofflemeyer, a churchman, teacher, and businessman, was graduated from Elon College with the class of 1920. The earnings from this fund are used for scholarship aid for worthy students.

*Alvira J. Drumm Scholarship Fund.* Established as a memorial to Mrs. Alvira J. Drumm by her husband, Professor Lewis R. Drumm, and their son, Lewis R. Drumm, Jr. The earnings from this fund are used as scholarships for promising students who are in need of financial aid.

*First Federal Savings & Loan Association Scholarship.* A scholarship granted on a one year basis, renewable subject to the student's work, conduct and general record. Available to graduates from high schools in Alamance County, N. C. Applications and information may be obtained at the office of the First Federal Savings & Loan Association, 309 E. Davis St., Burlington, N. C.

*Sadie V. Fonville Memorial Fund.* A bequest of the late Miss Sadie V. Fonville of Burlington, N. C., providing for a scholarship each year to a worthy student who is a member of the United Church of Christ.

*Allen Erwin Gant Scholarship.* An endowment fund was established in memory of Allen Erwin Gant, member of the Board of Trustees of the College, by his sisters, Miss Jessamine Gant and Miss Corinna Gant. Income from the fund provides scholarships with preference given to students who are residents of Alamance County.

*Martin T. Garren Memorial Fund.* Established by friends in memory of Martin T. Garren, College Trustee and outstanding leader of the Southern Convention of Congregational Christian Churches.

*Robert Kelley and Pearle Jones Hancock Scholarship Fund.* Established by their daughter, Mrs. Myrle Hancock Chamberlain, and their grandson and his wife, The Very Reverend and Mrs. David Chamberlain, in memory of Mr. and Mrs. R. K. Hancock. The income from this endowment will be used for scholarship aid for a needy and deserving student who has demonstrated a sense of purpose.

*Asheville-Charlotte A. Hebard Scholarship Fund.* A scholarship fund in memory of Mrs. Hebard. The Asheville United Church of Christ, which administers the

fund, stipulated that from the earnings of the fund scholarship aid is to be awarded annually to worthy "orphaned and neglected children," preferably those from the Elon Home for Children.

*David M. Helfenstein Scholarship Fund.* This fund was established as a result of a bequest from Miss Anna Helfenstein.

*E. E. Holland Scholarship.* Established by a bequest from the estate of Eunice Ensor Holland as a memorial to her husband, Edward Everett Holland, former United States Congressman from Suffolk, Virginia, a long-time member of the Elon College Board of Trustees. The income from this fund is used for financial aid to deserving students.

*Vitus Reid Holt Scholarship.* Established by members of his family as a memorial to Mr. Holt, who served as a trustee of the College and of the Elon Home for Children. Earnings from this endowment fund are used as scholarship aid primarily for students from the Elon Home for Children.

*C. Chester Huey Athletic Scholarship Fund.* This endowment was established in memory of Mr. Huey, an avid supporter of Elon's athletic program, by his widow, Josie; his daughter, Elna; and his son, Paul. The income from this fund is awarded annually to a deserving student baseball athlete.

*Laura and Nelson Jackson Scholarship Fund.* Created by Mr. and Mrs. Nelson Jackson, Sr. of Tryon, North Carolina, leading citizens of that community and loyal members of the Congregational Church of Christ. The income from this fund is used to support scholarships for needy and worthy students who have exhibited a potential for positive contributions to the College community and society.

*The Gordon-Jennings Scholarship Fund.* This fund was created by the Gordon-Jennings families and the income from this fund is to be used annually to provide scholarship aid to deserving students.

*Virginia Beale Kernodle Scholarship Fund.* Created by John T. Kernodle, class of 1908, in memory of his wife, Virginia Beale Kernodle, class of 1913. The income from this fund is awarded to deserving students, preferably to those from Eastern Virginia.

*Max Lieberman Scholarship Fund.* This fund was established by a bequest under the will of Max Lieberman, a former resident of Alamance County. The interest from this fund is used for a scholarship for a male student from Alamance County chosen by the Alamance County Board of Education and Graham High School.

*Cameron Little Athletic Scholarship Fund.* Established in memory of Mr. Little, class of 1964 and former football player at Elon College, by members of his family, his classmates and friends, the income from this fund is awarded annually to a deserving student-athlete who is a member of the Elon College Football Team.

*The Mills and Mary Alice Luter Scholarship Fund.* Created by Mr. and Mrs. Luter of Suffolk, Virginia. The income from this fund is to be awarded annually to a deserving student, preferably from the Elon Home for Children.

*Sue Boddie Macon Scholarship.* Established in memory of the late Miss Sue Boddie Macon (June 24, 1913-June 13, 1952) by her aunt, Miss Margaret P. Alston, and her mother, Mrs. Pattie Alston Macon, of the Liberty Vance Congregational Christian Church of Henderson, N. C.

*The John Z. and Mildred W. McBrayer Scholarship Fund.* This scholarship was created by Mr. McBrayer, class of 1938, and Mrs. McBrayer, both of Cleveland County, North Carolina. The income from this fund is awarded annually to a deserving student from Cleveland County.

*Memorial Scholarship Fund – First Christian Church, Portsmouth, Virginia.* The Women's Fellowship and others of the First Christian Church, Portsmouth,



Virginia, in 1965 established a memorial scholarship honoring First Church which was founded in 1901. In 1965, due to population changes, the Church was closed, and its life was merged with the United and Shelton Memorial Congregational Christian Churches (United Church of Christ) of Portsmouth. The income from this endowment fund is to be used to support scholarships for worthy and needy students at Elon College.

*Moser Scholarship Fund.* This endowment was established by Mr. and Mrs. B. A. Moser. The income from the Fund will be used for financial aid to deserving students preferably pursuing full-time Christian work who are from Alamance County and the Davis Street United Methodist Church.

*The Horace Powell Scholarship Fund.* Established by Horace C. Powell of Fuquay-Varina, North Carolina. Earnings from this endowment fund are used as scholarship aid to deserving students.

*O. D. Poythress Scholarship Fund.* This fund was established in 1966 by the South Norfolk Christian Church, Chesapeake, Virginia, in honor of the Reverend Olive Daniel Poythress, who served as pastor of the church for 43 years, and as Pastor Emeritus until his death in 1968. The income from this endowment fund is to be used to help provide scholarships for worthy and needy students at Elon College, with preference being given to students from the South Norfolk Christian Church.

*Richmond Alumni Chapter Scholarship.* The income from an endowment fund contributed by this alumni chapter provides scholarships for freshmen students from the Richmond area.

*Viola V. Rollings and Amos Thornton Rollings Scholarship Fund.* Established by a bequest from the estate of Viola V. Rollings in memory of her brother, Amos. Income from this endowment will be used for scholarship aid for a needy and deserving student.

*James C. Scott Golf Scholarship Fund.* This fund has been established by the family and friends of James C. Scott, former member of the Elon College Golf Team. The earnings from this fund are to be used to provide a golf scholarship.

*Samuel Dalton Scott Scholarship.* This fund was established by his wife, Bernice Robbins Scott, and their children, in memory of Samuel Dalton Scott (1886-1955), dedicated layman and deacon of the First Congregational Christian Church at Greensboro and a former student of Elon. The income from this endowment fund is to be used to support scholarships for needy and deserving students.

*Nancy Gordon Sheffield Memorial Scholarship Fund.* Established in memory of Nancy Gordon Sheffield by the Gordon and Hornaday families. The income from this endowment is awarded annually to a deserving freshman student from Alamance or Guilford Counties.

*Oscar F. Smith Scholarship Fund.* Established by a bequest from a former trustee, Oscar F. Smith, from Norfolk, Virginia, for scholarship assistance to students preferably from Eastern Virginia.

*Staley Memorial Scholarship Fund.* The Women's Missionary Convention of the Southern Convention of Congregational Christian Churches in 1953 established at the College the Staley Memorial Scholarship Fund in memory of Dr. William Wesley Staley (1849-1932), the second president of the College. The income from this permanent fund is granted by the College to worthy students.

*William H. Stratford Scholarship Fund.* This endowment was created by a bequest from Mrs. Marguerite R. Stratford in memory of her husband, Dr. William H. Stratford, class of 1899. Income from this fund is used for scholarship grants.





*Sternberger Scholarships.* Established by the Sigmund Sternberger Foundation in memory of Sigmund Sternberger, a prominent industrialist associated with Cone Mills Corporation in Greensboro, North Carolina. These scholarships are awarded annually to students who are residents of North Carolina, with preference given to students who are residents of Greensboro and/or Guilford County.

*Tessie Z. Taylor Scholarship Fund.* Established by the faculty of the Department of Business Administration and Business Education, this scholarship is awarded to a needy high school senior entering Elon College in Business Education or to a two-year Business Education student transferring to the four year program in Business Education.

*The William Brown Terrell Scholarship Fund.* This scholarship fund was established by Elon College High School alumni and teachers to honor William Brown Terrell, educator and civic and religious leader, for his dedication to his students and his keen interest in athletics. The income from this fund will be awarded to a deserving athlete.

*Tidewater Alumni Chapter Scholarship.* A scholarship established by the area alumni for worthy students from the Tidewater area.

*Trolinger Memorial Fund.* The William H. and John A. Trolinger Memorial Fund was established by a gift of Mrs. Isla Stratford May, William H. Stratford, John B. Stratford, Parke C. Stratford, and Robert E. Stratford, children of the late William O. and Bessie Trolinger Stratford, in memory of their grandfather and uncle. The earnings from this endowment are used as scholarship aid for worthy students from Alamance County.

*Union United Church of Christ Scholarship Fund.* This endowment fund was created by gifts from the Union United Church of Christ in Virgilina, Virginia. The income is awarded preferably to a deserving student or students from the Union United Church of Christ.

*C. Max Ward Scholarship Fund.* Established by C. Max Ward, class of 1949. Annual earnings from this endowment fund are used for scholarship aid for students who show academic promise, a definite need, and an interest in athletics.

*Clyde T. and Esther Ward Golf Scholarship Fund.* Established by C. Max Ward, class of 1949, and Cynthia Fertig Ward in honor of Mr. Ward's parents. Annual earnings from this endowment fund are used for scholarships for members of the golf team.

*William I. Ward, Sr. and David Samuel Ward Scholarship Fund.* Established by William I. Ward, Jr. in memory of his father and brother. The donor's great-grandfather, Dr. William S. Long, was one of Elon College's founders and first president. Income from this endowment will be used as scholarship aid to a graduate of Graham (N.C.) High School or its successor high school or a resident of Graham who possesses good character, inquiring mind and has financial need.

## Ministerial Student Scholarship

Dependent children of ministers of the United Church of Christ are granted tuition discounts of \$400.

*Edward M. Albright Scholarship Fund.* Established in memory of Mr. Edward M. Albright through a bequest from his wife, the late Mrs. Olivia White Albright, the income is to be used for scholarships for ministerial students.

*Richie E. and Agnes R. Brittle Scholarship Fund.* Created by the Hunterdale United Church of Christ, Franklin, Virginia, in honor of Dr. R. E. Brittle, 1928 graduate of Elon College and a long-time, dedicated minister in the Southern Conference of the United Church of Christ, and Mrs. Brittle. The income from

this fund is awarded annually to a student who is pursuing a career in a full-time Christian vocation.

*Victor B. Chicoine Memorial Scholarship Fund.* This fund was established in memory of the Reverend Victor B. Chicoine, D.D., 1891-1965, by Mrs. Chicoine, their children, and friends. The income from this endowment fund is used for ministerial scholarships.

*Maggie Baynes Dixon Ministerial Scholarship.* An endowment fund bequeathed by the late Mrs. Maggie Baynes Dixon to be used to support ministerial scholarships.

*Eastern North Carolina Ministers Memorial Fund.* Established by the Eastern North Carolina Association of the Southern Conference of the United Church of Christ. The income from this fund is to be used for scholarships preferably for worthy and needy students who are from churches in the Eastern North Carolina Association and who are majoring in religion or religious education.

*Franklin Congregational Christian Church Scholarship.* Established by the Franklin Congregational Christian Church of Franklin, Virginia. The income from this fund is awarded annually to a deserving student with the following order of preference: (1) a member of the Franklin Church, (2) a member of an Eastern Virginia Association church, (3) a member of a Southern Conference church.

*Holmes Memorial Fund.* This fund was established by Miss Ethel Marsh Holmes as a memorial to her brother, Howard Braxton Holmes, who was a member of the College faculty. The earnings of the fund are used in the education of ministerial students.

*Dr. I. W. Johnson Scholarship.* A gift from the estate of Mrs. Sallie Bertie Ellenor Johnson, wife of the late Reverend I. W. Johnson, minister who served Congregational Christian churches in the Southern Convention, to be used for the education of ministerial students.

*J. U. Newman Memorial Scholarship Fund.* Established by a bequest from Lila Clare Newman, member of the faculty at Elon College for many years, in memory of her father, distinguished professor in the Department of Religion. Income from this endowment is to be used for scholarships for needy and worthy students, preferably ministerial.

*John Webster Patton Scholarship.* Established in memory of the Reverend John Webster Patton, who served Christian Churches in North Carolina and Virginia for nearly sixty years, this scholarship is granted each year to a deserving student who is preparing for the Christian ministry.

*Rex and Ina Mae Powell Scholarship Fund.* Mr. and Mrs. Rex Powell established this fund, the income of which is to be used for the education of children of ministers who attend Elon College.

*Emmett H. and Katherine H. Rawls Scholarship Fund.* This endowment fund was created from bequests from the estates of Emmett H. and Katherine H. Rawls, to provide income for scholarships for students planning for full-time Christian ministry.

*W. L. Rudd Scholarship and Loan Fund.* This fund was established by W. L. Rudd, alumnus of Elon College, to aid needy and worthy Christian students who are preparing for greater usefulness in making a better, more peaceful world and in helping to spread Christian ideals. Preference is given to students who are planning to pursue full-time Christian vocations.

*Somers Scholarship Fund.* Established by the late Chaplain Lester I. Somers, CDR, USN, and his wife, Mrs. Doris Loraine Somers. The income from this fund

is used to provide a scholarship for the most outstanding senior majoring in religion or preparing for a full-time Christian vocation.

*Charles E. Shelton Memorial Fund.* This fund was created by the First United Church of Christ of Portsmouth, Virginia, in memory of Dr. Charles E. Shelton, beloved minister of the Church. The income is used preferably for one or more students pursuing full-time Christian vocations. Preference is also given to students from the Tidewater, Virginia area.

*Dr. W. W. Staley Scholarship Fund of the Suffolk Christian Church.* This fund was established by the Suffolk Christian Church in memory of Dr. W. W. Staley, second president of Elon College and long-time minister of the Suffolk Christian Church. This fund is to provide a scholarship for a ministerial student or a student of an associated field with preference to be given to members of the Suffolk Christian Church or members of churches in the eastern Virginia area.

*Alda June Jones Stevens Memorial Scholarship.* Established in memory of Mrs. Millard Stevens, this endowment is to be used to support scholarships for worthy students, preferably those preparing for full-time Christian service.

## Music Scholarships

*Band Scholarships.* Awarded on a limited basis to students who are musically talented and participate in band activities.

*Jennie Willis Atkinson Bradford Scholarship.* An endowment established in memory of Jennie Willis Atkinson Bradford providing a scholarship each year to a worthy student in the Department of Music. Mrs. Bradford, daughter of the late Dr. and Mrs. J. O. Atkinson, was an honor graduate of the Class of 1917 and served as a member of the Board of Trustees of Elon College for seventeen years.

*Alyse Smith Cooper Music Fund.* Mrs. Alyse Smith Cooper established this fund, the income from which is used preferably for scholarships for music students with priority being given to those from Alamance County or North Carolina, or for support of the music program of the College.

*The Billy Crocker Jazz Scholarship.* This endowment was established by relatives and friends of Billy Crocker who was an outstanding drummer at Elon College from 1969-1972. Income from this fund will be granted annually on Awards Day to a member of the Emanons. The recipient will be selected by a vote of members of the Emanons and the directors.

*Presser Scholarship.* The Presser Foundation of Philadelphia, Pa., makes funds available annually to the College to be used for the assistance of deserving students who are preparing to become teachers of music.

## Loan Funds

*Amick Fund.* Dr. T. C. Amick, formerly of the College faculty, created a fund to be loaned to deserving students at 6 percent interest. The President lends this fund on proper security.

*Stein H. and Pearl M. Basnight Loan Fund.* A bequest from the estate of the late Stein H. Basnight set up this loan fund in memory of Mr. Basnight and in honor of his wife, Pearl M. Basnight. Its use is designated for United Church of Christ students preparing for the ministry and is loaned at a rate of 6 percent interest. If the student enters the Christian ministry, the interest is forgiven.

*Bowling Fund.* Dr. E. H. Bowling of Durham, N. C., has created a fund to be used in educating deserving students, preferably candidates for the ministry.

*James E. and Mary Z. Bryan Foundation Student Loan Plan.* Established by Mary Z. Bryan, in 1953, as a memorial to her husband and administered by the

College Foundation, Inc. in Raleigh, North Carolina. Students may borrow up to \$1,000 per academic year. Four percent interest accrues while student is in school and increases to six percent after student ceases to be enrolled as a full-time student.

*Burlington Elks Scholarship Loan Fund.* Lodge No. 1633 of the Benevolent and Protective Order of Elks, of Burlington, North Carolina, has created a loan fund for students who are residents of Alamance County. Awards are made to qualifying students by a committee consisting of the trustees then in office at the lodge and two members of the Board of Trustees of the College.

*Clarke Fund.* Dr. J. A. Clarke, formerly of the College faculty, created a loan fund for deserving students. The business manager lends this at 6 percent interest on proper security.

*Maggie B. Dixon Loan Fund.* A bequest from the estate of the late Maggie B. Dixon established this loan fund to assist members of the junior and senior classes.

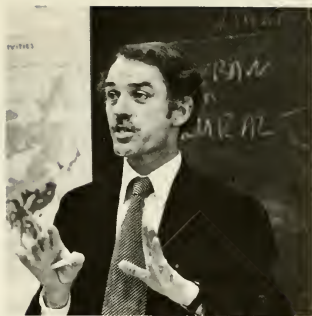
*Knights Templar Educational Loan Fund.* Under the rules of the Grand Commandery, students at Elon may obtain loans from this fund.

*McLeod Fund.* The family of the late Prof. M. A. McLeod has established a fund, the income from which is loaned to worthy students on proper security.

*Helen Martin Parkerson Loan Fund.* Mrs. Helen Cannon has established a loan fund as a memorial to her mother, Mrs. Helen Martin Parkerson. It is loaned to deserving students in Business Education.

*T. M. Stanback Fund.* Created by gifts from Mr. and Mrs. T. M. Stanback. This fund is used for the purpose of making loans to worthy students. The student must sign a promissory note endorsed by another responsible person. A reasonable interest is charged on the unpaid balance after the student's program of studies is terminated.

# Academic Life Programs



## Registration

Students must register on certain designated days in September, January, and February. Registration information is made available to all students.

## Physical Examination

Every new student is required to have a physical examination prior to registration and must show evidence of having taken polio shots.

## Classification

Classifications are made at the beginning of the college year in September.

A sophomore must have removed all entrance conditions and have completed 24 hours of work toward a degree.

A junior must have completed 54 semester hours, and a senior 84 semester hours of work toward a degree.

## Schedule of Studies

Twelve hours of college work is considered the normal student load for freshmen. The normal student load for upperclassmen is considered to be fifteen hours of college work.

During the one-month winter term, three hours of college work is the normal load for all students.

## Auditing Courses

Persons who wish to attend certain courses regularly without doing the assigned preparation or receiving credit may do so with the approval of the Registrar. The cost is \$30.00 for each course.



## **Change of Course**

Registration is for an entire course, and a student who begins a course must continue it except in unusual circumstances. Continuous subjects (designated by a hyphen, e.g., 111-112) must be pursued to completion to earn credit toward a degree. Unless the student and his adviser consider it essential, a student should not change his schedule after registration. No course may be entered after 10 percent of its scheduled class meetings have been held.

## **Changes in Classes and Schedule**

The College reserves the right to cancel or discontinue any course because of small enrollment or for other reasons deemed necessary. In order to assure quality instruction, the College reserves the right to close registration when the maximum enrollment has been reached. The College reserves the right to make changes in schedule and/or faculty when necessary.

## **Dropping Courses**

In the fall and spring semesters, no student may drop a course with a passing grade after the mid-semester reports are due (see calendar); however, a course dropped with official permission of the Registrar prior to the time mid-semester grades are due will be graded WP (passing at time of withdrawal) or WF (failing at the time of withdrawal). A course dropped without official permission of the Registrar is automatically graded WF.

A student who withdraws from the College receives grades of WD (medical withdrawal) or WP and WF depending on his grades at the time of withdrawal.

## **Pass/Fail Courses**

Students have the opportunity to take two one-semester courses outside the requirements for their major on a pass/fail basis.

## **Independent Study**

Students may engage in independent study of catalog courses, special topics, and research projects. Details concerning the procedure for engaging in independent study may be obtained from the office of the Dean of Academic Affairs.

## **Probation and Academic Warning**

At least a "C" average (grade point average of 2.00) is necessary to satisfy the College's academic requirements. Records of each student whose grades fall below this average in any semester are reviewed by the Committee on Academic Standing, which may (1) place the student on academic warning, (2) place the student on academic probation (a more serious deficiency), or (3) suspend the student.

Students on academic warning or probation are expected to make an average of "C" in their first probationary semester and a cumulative average of "C" in two probationary semesters, except that beginning students, who despite their academic difficulties prove themselves capable of doing college work, are not required to achieve the cumulative "C" average.

The committee removes from warning or probation students who make satisfactory progress and asks those who do not show adequate improvement to discontinue their studies. One academic semester must elapse before students

dropped for failure to maintain normal academic progress are eligible for reinstatement. Requests for reinstatement are sent to the Director of Admissions. A student who is suspended a second time for academic reasons is normally not readmitted to the College for further study.

When a student is placed on academic warning, probation or suspension he and his parents receive official notification.

## **Continuance in College**

Maintenance of a satisfactory grade of scholarship and evidence of the ability to appreciate and to cooperate with the ideals and standards of the College are necessary for continuance at Elon.

## **Dismissal**

The College reserves the right to suspend or dismiss any student or students when it believes that such action is in the best interest of the institution and/or the student(s). This action will take place only after careful consideration and consultation with the student or students in question and all other parties with information pertinent to the matter at hand.

## **Leaves of Absence and Withdrawal**

If a student, for any reason, concludes that he must leave the College on a temporary or long term basis, he must confer with the Dean of Student Affairs and the Dean of Academic Affairs to formalize his plans. If he wishes to be absent for as long as two semesters, he may secure a Leave of Absence under which he may automatically return to the College at a time mutually acceptable. If he wishes to withdraw, formal arrangements can be made. In either case, the official record of the student cannot be cleared until action — either Leave or Withdrawal — is complete.

## **Absences From Class**

Since students must attend classes regularly in order to derive maximum benefit from their courses, the College strictly and fairly enforces policies governing classes, and students are responsible for knowing the attendance regulations. The following is the general plan of the attendance regulations:

Each department publishes its own attendance policy. A student who has excessive absences in any class is reported by the faculty member to the Counseling Office. Members of the counseling staff will confer with the student. If the absences are not excusable, the student will be warned, and his parents and faculty adviser will be apprised of the situation. If unwarranted absences continue, the Dean of Academic Affairs may recommend that the student be suspended from the class or from the College.

## **Attendance at Enrichment Cultural Events**

All students are encouraged to attend programs for cultural and intellectual enrichment offered on the campus. Students who attend a minimum of 20 such events per year may earn one semester hour credit. A schedule of cultural and intellectual events is published weekly.

## Academic Reports

Students are graded at mid-semester as well as at the end of each semester. Mid-semester grades serve as progress reports and are not entered on students' permanent records.

## Student Access to Educational Records

Annually, Elon College informs students of the Family Educational Rights and Privacy Act of 1974. This Act, with which the institution intends to comply fully, was designated to protect the privacy of education records, to establish the right of students to inspect and review their education records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with The Family Educational Rights and Privacy Act Office (FERPA) concerning alleged failures by the institution to comply with the Act.

Local policy explains in detail the procedures to be used by the institution for compliance with the provisions of the Act. Copies of the policy can be found in the Registrar's Office, 105 Classroom-Office Building.

That office also maintains a Directory of Records which lists all education records maintained on students by this institution.

Questions concerning the Family Educational Rights and Privacy Act may be referred to the Office of Administrative Services.

## Dean's List

The purpose of the Dean's List is to recognize and encourage excellence in academic work. A student who has no grade below a "B" in a minimum of 12 semester hours in any semester is placed on the Dean's List for the following semester.

## Absence From Tests and Examinations

Students who miss scheduled tests and examinations without excusable reasons may not make up such assignments. Authorization to make up tests missed for excusable reasons is obtained from the professor of the class. Authorization to make up final examinations missed for excusable reasons is obtained from the Office of the Dean of Academic Affairs.

## Graduation With Honors

Candidates for graduation with an average of 3.87 or more quality points for each credit hour are graduated *summa cum laude*; those with 3.67 or above, *magna cum laude*; and those with 3.33 or above, *cum laude*. The average for honors is computed on all work attempted in college whether at Elon or another institution.

## Grading System and Quality Points

Graduation is dependent upon quality as well as upon quantity of work done.

A student earns quality points as well as semester hours if his level of performance does not fall below that of "D."

Letter grades are used. They are interpreted in the table on the following page, with the quality points for each hour of credit shown at right.

Grade		Quality Points
A	Superior work	4
B	Work above the average	3
C	Average work	2
D	Work below the average	1
F	An absolute failure	0
I	Incomplete	0
S	Satisfactory (not counted in cumulative average)	—
U	Unsatisfactory	0
WD	Medical withdrawal	—
WF	Failing at time of withdrawal	0
WP	Passing at time of withdrawal	0
NR	No report	0

The minimum passing grade is "D." A grade of "F" indicates failure. The grade "I" is changed to "F" if work is not completed satisfactorily within one calendar year of the time the grade is given.

Grades of "A," "B," "C," "D," and "F" are permanent grades and may not be changed except in case of error. After an instructor has certified a grade to the Registrar, he may change it before the end of the next regular grading period. The change must be made in writing and have the written approval of the department chairman.

## Repeat Courses

Courses repeated within four semesters of attendance (excluding winter and summer sessions) following the first enrollment in the course count only once in computing the cumulative grade point average. In such cases the most recent grade is counted rather than any previous grade(s) received.

## Work at Other Institutions

Students who plan to take courses at other institutions during summer sessions or by correspondence must have the prior written permission of the Registrar. He will give such permission for work only in fully accredited institutions after receiving a written statement from the chairman of the department in which the student is majoring. Credit is allowed only for courses of college level which also are allowed toward graduation by the institution conducting the summer school. After completion of such courses, the student presents an official transcript of his record to the Registrar. The maximum credit permitted for correspondence instruction is twelve semester hours.





## Degree Requirements

Elon College offers the following degrees:

Associate of Arts (A.A.)  
Associate of Science (A.S.)

Secretarial Science  
Medical Laboratory Technician

Bachelor of Arts (A.B.)

Accounting  
Biology  
Business Administration  
Business Education  
Chemistry  
Economics  
Elementary Education  
(K-3) & (4-9)  
English

History  
Human Services  
Mathematics  
Music  
Philosophy  
Physics  
Political Science  
Religion  
Social Science

Bachelor of Science (B.S.)

Music Education  
Physical Education and Health

Bachelor of Applied Science  
(B.A.S.) and Bachelor of  
Applied Arts (B.A.A.)

Radiologic Technology  
Continuation of A.S. program for  
Medical Laboratory technicians  
Cooperative transfer programs  
offered with community  
colleges and Vo-tech schools  
Administration of Justice

Requirements for the Associate degrees are listed following the courses of instruction.

Basic requirements for the bachelor's degree are a minimum of 126 semester hours of credit, at least 36 hours of which must be junior-senior level work. Each student must have twice as many quality points as credit hours attempted.

There are a number of specific requirements. These are:

1. Satisfactory work in one major subject.
2. Completion of general education distribution as follows:
  - a. Humanities . . . . . 24 s.h.
    - (1) Religion . . . . . 6 s.h.
    - (2) English (Freshman English Composition) . . . . . 6 s.h.
    - (3) Language and Literature (choose from English,  
French, German, Greek, Spanish) . . . . . 6 s.h.
    - (4) Other Humanities (choose from art, humanities,  
music, philosophy, religion) . . . . . 6 s.h.
  - b. Social Sciences . . . . . 12 s.h.  
(choose from at least three of the following: economics,  
geography, history, political science, psychology, sociology)
  - c. Mathematics and Natural Sciences . . . . . 10 s.h.  
(choose at least one mathematics and one 4 s.h. laboratory science)
  - d. Physical Education . . . . . 2 s.h.  
(choose from activities courses)
3. One full academic year of study at Elon, including the last term before graduation.
4. Participation in commencement exercises.

Students who have not had two years of one foreign language in high school must make up this deficiency by taking the first year of a language.\*

Students who have had one year of active duty in military service will receive credit for the Physical Education requirement (or the outstanding balance of this requirement) by bringing a copy of their DD-214 Form to the Registrar's Office for verification. One or two semesters of marching band may be substituted for one or two semesters of Physical Education.

A student has the privilege of graduating under the provisions of the catalog under which he enters, provided that he completes his course of study within five years. After the interval of five years his credits will be subject to review by a faculty committee.

It is the student's responsibility to be familiar with the preceding requirements for graduation.

## The Major

No later than the beginning of the junior year, each candidate for a bachelor's degree must select a major from one of the following areas:

Accounting, Biology, Business Administration, Business Education, Chemistry, Human Services, Economics, Elementary Education, English, History, Administration of Justice, Mathematics, Philosophy, Physical Education, Physics, Political Science, Religion, and Social Science.

Students in Medical Laboratory Technician, Music, Music Education, and Radiologic Technology should begin their major in their freshman year.

Requirements for each major are listed with the courses of instruction.

Before the beginning of the junior year, the student must complete at least 6 semester hours of "B" quality work in the field he chooses for his major; otherwise he must have special permission from the head of the department before he is accepted as a major. More than one major may be elected. An average grade of "C" in the major field is required for graduation.

All students are encouraged to take 6 semester hours in American history, 6 in European history, and 3 in public speaking. Those who plan graduate work leading to the Ph.D. degree should take both French and German.

## The Minor

A candidate for the bachelor's degree may elect a field of minor concentration, consisting of at least 18 semester hours with at least a 2.00 grade point average, provided the department has established a minor field.

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\*Credit received for this language may be applied toward graduation requirements.

# Courses of Instruction



## Courses of Instruction

The departments of instruction are organized into four general divisions. These include areas of learning arranged as follows:

Division of Humanities	Art, Communications, English, Fine Arts, Languages, Music, Philosophy, Religion
Division of Sciences and Mathematics	Biology, Chemistry, Geology, Mathematics, Physics, Medical Laboratory Technician, and Radiologic Technology
Division of Social Sciences	Accounting, Banking, Business Administration, Business Education, Human Services, Economics, Geography, History, Administration of Justice, Political Science, and Sociology
Division of Physical Education, Health, and Teacher Education	Education, Health, Physical Education, Home Economics, Military Science, and Psychology

Courses numbered 001-099 are for elective credit only, when credit is given.

Courses numbered 100-199 are on the freshman level, 200-299 on the sophomore level and 300 and above on the junior-senior level.

Continuous courses, which must be pursued to completion for credit toward a degree, are indicated by a hyphen, for example, 111-112. Others are listed with a comma separating the numbers.

## Accounting

*Chairman, Department of Business Administration, Accounting and Business Education:* Professor Sanders

*Associate Professor:* Council

*Assistant Professors:* Weavil, Wheeler

A major in Accounting consists of Accounting 211, 212, 331, 332, plus 9 additional hours from Accounting 336, 341, 451 and 456, and Business Administration 111, 212, 311, 321, 322, 323, 329, 411 and 426. Additional course requirements are Economics 211, 212, 346, 347, and Mathematics 111 (or demonstrate proficiency), 160, 161 (or calculus sequence). Additional courses in Mathematics are recommended for those students who plan to undertake a fifth year of study in Accounting.

A minor in Accounting consists of Accounting 211, 212, 331, 332, and one other upper level accounting course; Business Administration 111.

### **211, 212. PRINCIPLES OF ACCOUNTING**

**4 semester hours each semester**

To give the student an insight into the various methods used in keeping the records of single proprietorships, partnerships, and corporations. Year-end adjustments, work-sheets, and preparation of financial statements emphasized. Problems, practice sets, and lectures. 3 class hours, 2 laboratory hours. Prerequisite: Business Administration 111 (or corequisite); Accounting 211 required for 212.

### **331, 332. INTERMEDIATE ACCOUNTING**

**3 semester hours each semester**

Each item of the balance sheet is analyzed critically and the income statement is considered from the point of view of matching expenses with revenues. Alternative methods and procedures evaluated. The statement of changes in financial position is considered. Prerequisites: Accounting 211, 212. Accounting 331 required for 332. Lectures and laboratory.

### **336. COST ACCOUNTING**

**3 semester hours**

An introduction to cost procedures. Materials, labor, burden; job lot and process systems; a brief study of standard costs. Prerequisites: Accounting 211, 212.

### **337. MANAGERIAL ACCOUNTING**

**3 semester hours**

An extensive examination of the uses of cost data by management. Includes managerial techniques and their application to decision-making. Prerequisites: Accounting 211, 212, 336.

### **341. INCOME TAX I**

**3 semester hours**

The internal revenue code as it affects the individual and the corporation. The various types of returns are discussed and emphasis is placed on determination of income and statutory deductions in order to arrive at taxable net income. Emphasis on individual returns. Prerequisites: Accounting 211, 212.

### **342. INCOME TAX II**

**3 semester hours**

A study of the Internal Revenue Code as it relates to partnerships, corporations, decedents, estates, and trusts. The various types of returns are discussed with emphasis on statutory provisions and their effect on tax planning. Prerequisite: Accounting 341.

### **451. ADVANCED ACCOUNTING**

**3 semester hours**

Specialized accounting problems: Partnerships, statement of affairs, ventures, combinations, governmental and not-for-profit organizations and other related subjects. Prerequisites: Accounting 211, 331.

### **456. AUDITING**

**3 semester hours**

An introduction to the auditor's point of view and to the practical situations met on almost every audit. Auditing theory and practices, working papers, financial statements, and professional ethics. Prerequisites: Accounting 211, 212, 331 or 332.

**457. CPA PROBLEMS****3 semester hours**

A comprehensive review of concepts in accounting practice, accounting theory, auditing, and business law. Topics covered are those that frequently appear on the CPA examination. Prerequisites: Accounting 336, 341, 451 and 456.

**471. SEMINAR****3 semester hours**

Advanced study consisting of reading, problems, reports, and discussions of special topics. Participation by students, department faculty, and other resource speakers.

## Administration of Justice

The requirements of the Bachelor of Applied Science degree in the Administration of Justice are as follows: (1) evidence of completion of the technical phase of the law enforcement area concentration from an approved technical institute or community college; (2) completion of general education distribution requirements; (3) completion of the following specific course requirements; Business Administration 323, 329; Economics 211, 212, 313; History 211, 212; Philosophy 113; Political Science 111, 112, 232; Sociology 111, 211; (4) electives to complete 126 semester hours.

## Art

*Chairman, Department of Fine Arts:* Professor Westafer

*Associate Professor:* Daniel

In studio courses two hours of studio work per week give one semester hour of credit.

A minor in Studio Art consists of Art 111, 113, 491 (3 semester hours); Fine Arts 211, plus 9 semester hours selected from Art 103, 104, 211, 212, 213, 214, 311, 312.

**101. METAL ENAMELING****3 semester hours**

The application of creative design to projects in enameling on metal (copper and silver). 1 hour of lecture and 5 studio hours. Materials fee: \$10.00.

**102. METAL ENAMELING****3 semester hours**

A continuation of Art 101, which is a prerequisite. Materials fee: \$10.00.

**103. CERAMICS****3 semester hours**

Techniques in working with clay in the production and firing of pottery. Experience in hand-building and throwing pieces on the potter's wheel. 1 hour of lecture and 5 studio hours. Materials fee: \$10.00.

**104. CERAMICS****3 semester hours**

A continuation of Art 103, which is a prerequisite. Materials fee: \$10.00.

**111. DESIGN I****3 semester hours**

A basic course in the fundamentals of design with emphasis on two-dimensional media. 1 hour of lecture and 5 studio hours. Materials fee: \$5.00.

**112. DESIGN II****3 semester hours**

A continued study of the fundamentals of design with emphasis on three-dimensional media. 1 hour of lecture and 5 studio hours. Materials fee: \$10.00.

**113. DRAWING****3 semester hours**

Basic course in the fundamentals of drawing and composition using various media. 1 hour of lecture and 5 studio hours.



**211. PAINTING: OILS, ACRYLIC**

**3 semester hours**

Experimental studies in the techniques of painting and composition using various media. Prerequisite: Art 111 or 113. 1 hour of lecture and 5 studio hours.

**212. PAINTING: OILS, ACRYLIC**

**3 semester hours**

A continuation of Art 211, which is a prerequisite. 1 hour of lecture and 5 studio hours.

**213. PAINTING: WATERCOLOR**

**3 semester hours**

Experimental studies in the various techniques of painting with watercolor. Prerequisite: Art 111 or 113. 1 hour of lecture and 5 studio hours.

**214. PAINTING: WATERCOLOR**

**3 semester hours**

A continuation of Art 213, which is a prerequisite.

**271. ART EDUCATION FOR ELEMENTARY GRADES**

**3 semester hours**

Methods and materials, principles, and fundamentals of art used in the elementary grades. Emphasis is on experience to provide for creative expression in the classroom, centered about the interests and needs of the child, on correlation of art with other subject areas. Students are allowed to explore a wide variety of media for both two- and three-dimensional work. 2 hours of lecture and 1 studio hour. Materials fee: \$5.00.

**311. GRAPHICS**

**3 semester hours**

The development of creative ability and technical skill in the graphic media of linoprint, woodcut, intaglio, and lithoprint. Prerequisite: Art 111. 1 hour of lecture and 5 studio hours. Materials fee: \$10.00.

**312. GRAPHICS**

**3 semester hours**

A continuation of Art 311, which is a prerequisite. Materials fee: \$10.00.

**491. STUDIO PROBLEMS**

**1, 2, or 3 semester hours**

Individual study and experimentation. Open to students at all levels, with permission of the Art Department staff only. Maximum total credit: 6 semester hours.

**Biology** - *Include earth science, some science + tech.*

*Chairman:* Associate Professor Ryals

*Professor:* Whittinghill

*Associate Professors:* Morgan, Rao

*Assistant Professors:* Fields, House

The requirements for a major in Biology are 111-112, 211-212, 322, 351, 471-472, and at least 6 additional hours in Biology; Physics 111-112, Chemistry 111, 112 and 211-212. (Biology majors planning to teach in secondary schools must take Biology 111-112, 211-212, 322, 333, 351, 471-472 plus at least 4 additional hours in Biology; Physics 111-112, Chemistry 111, 112 and 211-212.) The recommended foreign language is either French or German. Students who plan to attend graduate school will also need Biology 321, 341, and 441; Chemistry 301 and 302; Mathematics 160, and 6 hours of statistics.

A minor in Biology consists of Biology 111-112, 261-262, plus three of the following: Biology 321, 331, 333, 441. An alternative minor in Biology consists of Biology 111-112 plus four additional courses of Biology approved for major credit.

**101. BASIC CONCEPTS IN BIOLOGY**

**4 semester hours**

Partially satisfies the general mathematics-science requirements of the College. A concepts approach that integrates basic biological chemistry, bioenergetics, cell structure and function, reproduction, inheritance, evolution and ecology. 3 class hours, 1 laboratory per week. No credit to the student having prior credit for Biology 111. No credit toward the Biology major or minor.

**111-112. GENERAL BIOLOGY****4 semester hours each semester**

Fundamental principles and concepts including structure and function at the cellular and organismal levels. Topics covered are basic chemical and physical laws, energy transformations, heredity, ecological principles and evolution. 3 class hours, 1 laboratory per week. Prerequisite for all other Biology courses. A continuous course which must be completed for credit toward a degree.

**161-162. TOPICS IN MEDICAL ANATOMY AND PHYSIOLOGY****4 semester hours each semester**

An introduction to the structure and function of the human body emphasizing homeostatic and pathological mechanisms. Areas included are: body organization, support and movement, integration and coordination, processing and transporting, and reproduction. Required of Medical Laboratory Technician majors. No credit toward Biology major or minor. Three class hours, one laboratory per week. A continuous course which must be completed for credit toward a degree.

**201. ENVIRONMENTAL CONSERVATION****3 semester hours**

An interdisciplinary study of the interrelationships of a man and the environment. Social, economic, ethical, and political aspects of man's impact on environment are studied from a bio-ecological perspective. Student participation and research are mandatory. 3 class hours. Prerequisite: sophomore or higher standing. No credit toward the Biology major or minor.

**211. COMPARATIVE VERTEBRATE EMBRYOLOGY****4 semester hours**

The developmental process with emphasis on gametogenesis, differentiation, organogenesis, and morphogenic patterns of development as it occurs in the frog, chick, and a mammal. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112.

**212. COMPARATIVE VERTEBRATE ANATOMY****4 semester hours**

A comprehensive, comparative study of chordate anatomy with emphasis on evolution and morphology of systems. Lower chordates and vertebrates are used in dissection and study. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, 211.

**260. A SURVEY OF THE BIOLOGICAL SCIENCES FOR ELEMENTARY EDUCATION MAJORS****4 semester hours**

A survey of the biological sciences. Laboratory work includes experiments of a basic nature as well as techniques of presenting classroom demonstrations. 3 class hours, 1 laboratory per week. For Elementary Education majors only.

**261-262. HUMAN ANATOMY AND PHYSIOLOGY****3 semester hours each semester**

The structure and function of the human body including the cellular, skeletal, muscular, nervous, endocrine, respiratory, circulatory, metabolic, renal, and reproductive aspects. 3 class hours, 1 laboratory per week. Required of physical education majors. No credit toward Biology major. Prerequisites: Biology 111-112. A continuous course which must be completed for credit toward a degree.

**321. MICROBIOLOGY****4 semester hours**

A general survey of microorganisms with emphasis on bacteria, their cytophysiological characteristics and classification, Viruses, microbial diseases and immunity, and the role of microorganisms in human affairs are included. Laboratory work covers staining procedures, selective and differential media, pure culture techniques, and biochemical characterization of bacteria. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 111, 112. (Biology 321 is the same as Medical Laboratory Technician 321.)

**322. CELLULAR BIOLOGY****3 semester hours**

Ultrastructure of typical eucaryotic and procaryotic cells and the relationship between structure and function of subcellular components. Mechanisms of cellular reproduction, respiration, photosynthesis, and protein synthesis are included. Also discussed are general properties of viruses, control of cellular differentiation, growth and development, and molecular genetics. 3 class hours. Prerequisites: Biology 111-112, Chemistry 111, 112.

**331. INVERTEBRATE ZOOLOGY****4 semester hours**

The taxonomy, morphology, ecology, and life histories of selected types of invertebrate animals. 3 class hours, 1 laboratory per week. Offered in alternate years. Prerequisites: Biology 111-112.

**333. GENERAL BOTANY****4 semester hours**

A survey of the plant kingdom with emphasis on vascular plants. Topics covered are general morphology, anatomy, physiology of metabolism and growth, economic importance, and identification. 3 class hours, 1 laboratory per week. Offered in alternate years. Prerequisites: Biology 111-112.

**341. ANIMAL PHYSIOLOGY****4 semester hours**

Emphasizes the functions, regulatory processes and responses occurring in the organ systems of the animal body. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 111, 112.

**351. GENERAL ECOLOGY****4 semester hours**

A study of the interrelationships of organisms with their biotic and abiotic environments. Ecological principles at the population, community and ecosystem levels are discussed. Teaching methods will be by lectures, readings, scheduled laboratory and field studies. 3 lecture hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 211, 212.

**391. RESEARCH****1 or 2 semester hours each semester**

Library and laboratory or field research by the individual student under the direction of the departmental faculty. Open to students at all levels. Maximum total credit, 8 semester hours. Prerequisite: permission of the Biology staff.

**441. GENETICS****4 semester hours**

An introduction to the Mendelian and molecular principles of genetics and the applications of these principles to the modern world. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 111, 112, or permission of the instructor.

**451. LIMNOLOGY****4 semester hours**

Physical, chemical and biological factors of inland waters and their influence upon aquatic organisms. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 111, 112.

**471, 472. SEMINAR****1 semester hour each semester**

Advanced study consisting of reading reports and discussions of subjects in the field of Biology not normally included in other offerings of the department. Enables the student to pursue special areas of interest and to discuss these with fellow students and faculty. For Biology majors or by permission of instructor.

**481. INTERNSHIP****1-2 semester hours each semester****491. INDEPENDENT STUDY****1-3 semester hours**

## Business Administration

*Chairman, Department of Business Administration, Accounting and Business Education:* Professor Sanders

*Professors:* Anderson, Feinberg

*Associate Professors:* Marr, Shapiro, Toney, J. F. Williams, Baxter

*Assistant Professors:* Price, Weavil

A major in Business Administration consists of Business Administration 111, 212, 311, 321, 322, 323, 329, 411, 426; Accounting 211, 212. Additional course requirements are Economics 211, 212, 331, 346, 347 and Mathematics 111 (or demonstrate proficiency), 160, 161 (or calculus sequence). All majors, especially those preparing for graduate study, are encouraged to take additional courses in Accounting and Mathematics.

A minor in Business Administration consists of Business Administration 111, 323; Accounting 211, 212; and Economics 211, 212.

**111. MATHEMATICS OF FINANCE****3 semester hours**

Problem solving, equations, progressions, percent, interest, discounts, depreciation, markup and graphical presentation of data. Offered both fall and spring semesters. Prerequisite: Freshman standing in mathematics.

**112. INTRODUCTION TO QUANTITATIVE METHODS  
IN BUSINESS****3 semester hours**

An introduction to some of the quantitative techniques which today are playing an increasing role in decision making by management. Prerequisites: Mathematics 111 and 160. Lectures and laboratory.

**302. BUSINESS COMMUNICATIONS****3 semester hours**

Provides instruction and practice in writing business reports, business letters, and other business communications, and a basis for insight into the mechanics of effective writing. Emphasis is placed on clarity, conciseness, and organization in both written and oral expression.

**311. PRINCIPLES OF MARKETING****3 semester hours**

The forces involved in the flow of goods from the point of production to the point of consumption, and the channels of distribution. The interest of the consumer; the marketing function; commodity, agricultural and industrial marketing; merchandising considerations; price policies; and governmental regulation of competition. Prerequisites: Economics 211, 212.

**312. CONSUMER BEHAVIOR****3 semester hours**

A study of the acts of individuals directly involved in obtaining and using economic goods and services, including the decision processes that precede and determine these acts. Prerequisite: Business Administration 311.

**313. ADVERTISING****3 semester hours**

The organization and functions of advertising. Topics include economic and social aspects, planning the campaign, creating the message, media, and measuring the effectiveness of advertising. Prerequisite: Business Administration 311 or permission of instructor.

**316. PRINCIPLES OF RETAILING****3 semester hours**

The important procedures underlying successful retail store operation. Major factors studied are consumer demand; modern retail institutions; organization; location; layout and equipment; buying and pricing; receiving, marking, and stock control; merchandising functions; customer services, credit management; personnel relations; and financial control. Prerequisite: Business Administration 311 or permission of instructor.

**321, 322. BUSINESS LAW****3 semester hours each semester**

Begins with an intensive study of contracts and advances through the case methods in covering legal principles governing the conduct of business. Agency, partnership, bailments, personal property and sales are covered in the first semester; insurance, negotiable instruments, suretyship and guaranty, labor, carriers and corporations in the second semester. Prerequisites: Economics 211, 212, or permission of instructor.

**323. PRINCIPLES OF MANAGEMENT****3 semester hours**

An introduction to the precepts expounded by the classical, the scientific and the behavioral management approaches, with particular emphasis on organization and qualitative decision theory.

**325. PERSONNEL ADMINISTRATION****3 semester hours**

A study of the basic personnel practices, objectives, functions, and organization of personnel programs. Topics include job evaluation, selection and placement, testing, promotion, compensation, training, safety and health, and employee relationships. Prerequisite: Business Administration 323.

**329. SURVEY OF DATA PROCESSING****3 semester hours**

An introduction to systems design and processing of data therein; designed to provide the student with a basic understanding of data processing principles and equipment; and to



describe the impact on the organization. Included are planning, hardware, and program concepts applicable to both punched-card and electronic data processing equipment.

#### **411. CORPORATION FINANCE**

**3 semester hours**

The fundamental principles of finance as applied to corporations. The background of the corporate form of business organization; types of securities and their promotion; protective regulation; capitalization; surplus and dividend policies; intercorporate relationships such as mergers, consolidations and holding companies; reorganization procedure; and public policy. Prerequisites: Accounting 211, 212 and Economics 211, 212.

#### **416. FUNDAMENTALS OF INSURANCE**

**3 semester hours**

The basic principles of underlying insurance contracts and the scope of coverage under the several divisions of insurance, including life, fire, marine, casualty, bonds, and automobile insurance. The subject is considered from the viewpoints of personal, business, social, and special group needs. The newer forms of coverage are given special attention.

#### **421. INVESTMENT PRINCIPLES**

**3 semester hours**

Designed to enable investors to manage a fund according to a predetermined objective. Emphasis on the factors of safety, income, and marketability; diversification and vigilance; the bases of analysis of company management and industry trends to determine the present and prospective management and industry trends to determine the present and prospective values of securities; and the kinds of investment opportunities available to investors. Prerequisites: Accounting 211, 212, Economics 211, 212.

#### **422. BUSINESS AND SOCIETY**

**3 semester hours**

Relationship of the organization to its social and legal environment; interaction of firms, customers, and agencies of the federal, state, and local governments; environmental effects on individuals and the general economy; the firm as a citizen.

#### **423. BUSINESS POLICY**

**3 semester hours**

A business capstone course intended to integrate the student's background, experiences, and previous business core and major business curriculum through case studies and business decision simulation exercises; development of an effective conceptual approach to integrating administrative policy, strategies, and decision making; diagnosis, analysis, and solution of interrelated administrative problems.

#### **426. INDUSTRIAL MANAGEMENT**

**3 semester hours**

Principles of industrial organization; location, personnel, production control and decision-making. Prerequisites: Economics 211, 212, Business Administration 212.

#### **471. SEMINAR**

**3 semester hours**

Advanced study consisting of readings, reports, and discussions of special topics. Participation by students, department faculty, and other resource speakers.

## **Business Education**

*Chairman, Department of Business Administration, Accounting and Business Education: Professor Sanders*

*Associate Professors: Council, Longest*

*Assistant Professors: Price, Weavil*

A four-year major in Business Education consists of Business Education 113, 114, 115, 118, 119, 130, 133, 312, 313; Business Administration 111, 311, 321, 323, 329, and 426; Accounting 211, 212; Economics 211, 212; Communications 210; and Psychology 211. In addition, the student will choose an area of concentration which reflects individual interests. The options available include:

1. General Secretarial.
2. Accounting which has additional requirements of Accounting 331, 332 plus either Accounting 336 or 341.



3. Management which has additional requirements of Business Administration 411, Accounting 336, and Economics 311.
4. Teacher Education and Business Office Education. A teacher trainee in this major must take 22 semester hours in Education in accordance with the Department of Education requirements. For those students, Business Administration 111 and Mathematics 111 or higher will satisfy the mathematics requirement for teacher certification. One semester of laboratory science is also required for certification. Students desiring to be certified in Business Office Education should check the current state requirements with their adviser. Students desiring certification in Basic Business may substitute accounting and business courses for shorthand courses with approval of the departmental faculty and the Dean of Academic Affairs.

A minor in Business Education consists of Business 113 and 114, or 114 and 115, or 115 and 312; 118 and 119, or 119 and 313; 121; 130; 133; Business Administration 323.

The requirements for one- and two-year Secretarial Science Programs are listed following the courses of instruction.

#### **113, 114. ELEMENTARY SHORTHAND**

**3 semester hours each semester**

Planned for the development of an understanding of the fundamental principles of Gregg Shorthand with emphasis on reading ability and vocabulary. Designed to develop speed in taking dictation and accuracy in transcription with as much speed as practicable to produce a mailable letter. Fall semester, 5 class hours; spring semester, 3 class hours and 2 laboratory hours.

#### **115. INTERMEDIATE SHORTHAND**

**3 semester hours**

A review of fundamental principles, with concentration on improving techniques of taking dictation and transcribing copy. 3 class hours, 2 laboratory hours.

#### **117. INTRODUCTION TO BUSINESS**

**3 semester hours**

A complete, unified picture of all phases of modern business designed to give the student a working familiarity with business terminology.

#### **118. ELEMENTARY TYPEWRITING**

**2 semester hours**

Designed to develop the basic skills in the operation of a typewriter. Typing of letters, tabulations, office forms, manuscripts. Drill for speed and accuracy. Fall: 5 class hours, 2 laboratory hours.

#### **119. INTERMEDIATE TYPEWRITING**

**2 semester hours**

Designed to help the student perfect skills and learn new techniques applicable to representative office typewriting problems. 3 class hours, 2 laboratory hours.

#### **121. BUSINESS ENGLISH**

**3 semester hours**

Practical application of the principles of composition; types of letters; form, style, and tone of effective correspondence; intensive word study.

#### **130. OFFICE MACHINES**

**1 semester hour**

To develop competencies in operating office machines. Includes instruction on ten-key and full keyboard adding machines, electronic and rotary calculators, transcribing and duplicating equipment. 3 laboratory hours per week. Prerequisites: Business Education 118 or equivalent; Business Administration 111.

#### **133. SECRETARIAL PROCEDURES**

**3 semester hours**

Designed to enable the student to understand and apply the techniques and procedures relating to office operations. Emphasis on the development of decision-making abilities necessary for successful operational and managerial competencies. 3 class hours. Prerequisite: Business Education 118 or equivalent.

**312. ADVANCED DICTATION AND TRANSCRIPTION**

**3 semester hours**

Emphasis on the development and maintenance of skills used in recording speech at the expert level. Timed and office-style dictation based on the terminology of selected professions with emphasis on mailable transcripts. Prerequisite: Business Education 115. 3 class hours, 2 laboratory hours.

**313. ADVANCED TYPEWRITING**

**2 semester hours**

Projects and problems to develop knowledge and skills for typewriting in business applications. Prerequisite: Business Education 119. 3 class hours, 2 laboratory hours.

**321. BUSINESS AND OFFICE OCCUPATIONS**

**4 semester hours**

History, philosophy, and methods of organization of courses in business office education. Techniques of coordination of cooperative programs, feasibility studies, community surveys, and job analysis. Designed to prepare teachers to supervise cooperative and directed business and office education programs at the high school level. Two hours laboratory required.

**471. SEMINAR IN BUSINESS EDUCATION**

**3 semester hours**

Advanced study consisting of readings, reports, and discussions of special topics or specialized programs such as supervised cooperative work experience coordinated with seminar discussions.

## Chemistry

*Chairman, Department of Physical Sciences:* Associate Professor Mullen

*Professors:* Danieleley, P. Cheek

*Part-time Assistant Professor:* R. Cheek

A major in Chemistry requires Chemistry 111, 112, 211-212, 311, 312, 411; Mathematics 111, 121; and Physics 111-112. Two years of German are recommended.

A minor in Chemistry consists of Chemistry 111, 112, and twelve semester hours of Chemistry above the 100 level.

**101. BASIC CONCEPTS IN CHEMISTRY**

**4 semester hours**

A course designed to meet partially the general mathematics-science requirement of the College. Atomic structure, radiochemistry, chemical changes, descriptive chemistry of selected elements, organic chemistry. Lecture and recitation, three hours. No credit given to students having prior credit for Chemistry 111. No credit toward the Chemistry major or minor.

**103. BASIC CONCEPTS IN GEOLOGY**

**4 semester hours**

A topics approach which includes the nature and origin of rocks and minerals; origins of mountains; soil development; evolution of the landscape. 3 class hours, 3 laboratory hours. No credit toward the Chemistry major or minor.

**110. INTRODUCTION TO CHEMISTRY**

**3 semester hours**

Designed to provide the basic knowledge and skills which the student will need in Chemistry 111, 112. Recommended for students with little or no high school preparation in chemistry or meager background in mathematics. No credit given to students having prior credit for Chemistry 111 or 101. No credit toward Chemistry major or minor.

**111, 112. GENERAL CHEMISTRY**

**4 semester hours each semester**

Fundamental principles of inorganic, physical, and experimental chemistry. Atomic structure as it is related to the classification of the elements and the nature of their compounds. The more common elements and compounds are considered, and organic chemistry is studied briefly. Prerequisite to all other courses in chemistry. 3 class hours, 3 laboratory hours.

**201. CHEMISTRY AND SOCIETY - *conservation - paper*** <sup>3 semester hours</sup>  
 A brief study of some aspects of the development of modern chemistry followed by a study of environmental problems and the role of chemistry in working to solve these problems. Classwork and field trips. Prerequisite: Chemistry 101 or 111 or consent of the instructor.

**211-212. ORGANIC CHEMISTRY** <sup>4 semester hours each semester</sup>  
 Chemistry of the compounds of carbon. Aliphatic, aromatic, alicyclic, and heterocyclic compounds are studied as to importance, methods of preparation, electronic structure, chemical and physical properties, and industrial and medicinal use. Laboratory work consists of preparation, purification, properties, and qualitative identification of typical compounds. 3 class hours, 3 laboratory hours. A continuous course which must be completed for credit toward a degree.

**260. A SURVEY OF THE PHYSICAL SCIENCES FOR ELEMENTARY EDUCATION MAJORS** <sup>4 semester hours</sup>  
 A survey of the physical sciences. Laboratory work includes experiments of a basic nature as well as techniques of presenting classroom demonstrations. 3 class hours, 3 laboratory hours. For Elementary Education majors only. No credit toward the Chemistry major or minor. (Chemistry 260 is the same as Physics 260.)

**311. QUANTATIVE ANALYSIS** <sup>4 semester hours</sup>  
 Theory and techniques of volumetric and gravimetric procedures. 2 class hours, 4 laboratory hours.

**312. QUANTITATIVE ANALYSIS** <sup>4 semester hours</sup>  
 Further quantitative work, with emphasis on optical, electrical, chromatographic techniques. 2 class hours, 4 laboratory hours.

**391. INDEPENDENT STUDY** <sup>1 or 2 semester hours</sup>  
 Library and/or laboratory study by the individual student. Open to students at all levels. Prerequisite: permission of the Chemistry staff. Maximum credit, 8 semester hours.

**411. INTRODUCTORY PHYSICAL CHEMISTRY** <sup>4 semester hours</sup>  
 Topics in thermodynamics, kinetics, colligative properties of solutions, and colloids. 3 class hours, 3 laboratory hours.

**471. SEMINAR** <sup>1-2 semester hours</sup>  
 Advanced topics to meet the needs and interests of the students. Admission by permission of the department.

## Communications - *Performing arts* <sup>film dance</sup>

*Chairman, Department of Literature and Languages: Associate Professor Bland*  
*Professor: Priestley*  
*Assistant Professor: Angyal*  
*Instructors: Ponder, Keller*

A minor in Communications consists of eighteen hours of Communications courses, at least nine hours of which must be 300-400 level courses. All students who take a minor in Communications must include in their general education distribution courses two three-hour courses in literature in English (200-400 level).

*New film course here*

**210. PUBLIC SPEAKING** <sup>3 semester hours</sup>  
 The fundamentals of public speaking; principles, actual practice, and constructive criticism. Prerequisites: English 111, 112.

**225. JOURNALISM I** <sup>3 semester hours</sup>  
 Beginning reporting and newswriting, interviewing, proofreading and copy-editing, feature writing, community coverage. Students are encouraged to write for the college newspaper. Prerequisites: English 111 and 112 or permission of instructor.

**245. INTRODUCTION TO BROADCASTING****3 semester hours**

Practical application of the principles of responsible broadcasting, including newswriting, interviewing, and programming for radio. Also discussed are radio physics, F.C.C. regulations, and broadcasting ethics. Students are encouraged to become involved with the college radio station. Prerequisites: English 111 and 112 or permission of instructor.

**260. ORAL INTERPRETATION OF LITERATURE****3 semester hours**

The critical analysis and oral presentation of prose, poetry and drama. Emphasis on oral reading techniques necessary for communicating the author's meaning to an audience. Prerequisites: English 111, 112.

**271. SEMINAR****1-3 semester hours****310. ARGUMENTATION AND PERSUASION****3 semester hours**

Analysis of issues in current problems; use of evidence, reasoning and refutation in oral argumentation/persuasion. Special attention given to practical and application in teaching, business and community meetings. Prerequisites: English 111, 112 and Communications 210.

**325. JOURNALISM II****3 semester hours**

Advanced reporting and newswriting, investigative reporting, editorial writing, columns, layout, copy-editing. Prerequisite: Journalism 225.

**345. BROADCASTING II****3 semester hours**

A study of mass communications including the development of both radio and television, and involving a practical introduction to television writing and production. The student will have the opportunity to discuss and evaluate news, commentary, commercials, and sports features. Prerequisite: Communications 245.

**361. INTRODUCTION TO THEATER****3 semester hours**

An exploration of the theater as a dynamic art form and an introduction to how the actor, director, and designer work together to create a play. Outstanding plays of major periods will be used to demonstrate technical and aesthetic problems in theater production. No credit on the general humanities requirement. Prerequisites: English 111, 112.

**362. THEATER WORKSHOP****3 semester hours**

A continuation of Communications 361 with emphasis on student direction and production of scenes and short plays for studio and public performance. Course will include an exposure to reader's theater, improvisation, mime, and oral interpretation. Problems in acting, directing, staging, lighting, costuming, and other stage crafts will be covered in the course. No credit on the general humanities requirement. Prerequisites: English 111, 112.

**450. CRITICISM OF BOOKS, PLAYS, FILMS, AND TELEVISION****3 semester hours**

Theories, methods, and practice of criticism as applied to current books, plays, films, and television. Prerequisites: English 111, 112.

**471. SEMINAR****1-3 semester hours**

## Economics

*Chairman:* Professor Anderson

*Associate Professors:* Toney, J. F. Williams

A major in Economics consists of Economics 211, 212, 311, 321, 331, 346, 347, 411, 413, and 6 semester hours of economic electives on the junior-senior level. (Accounting 336 may be substituted for 3 elective hours in economics.) Additional course requirements are: Mathematics 111, 160 (or higher than 111); Accounting 211, 212; and Business Administration 212. Recommended electives include Business Administration 111, 329, 426; Philosophy 113; Mathematics 121.

A minor in Economics consists of Economics 211, 212, 311, 413, and 6 semester hours of economics electives.

### **211, 212. PRINCIPLES OF ECONOMICS**

**3 semester hours each semester**

National accounts, employment, fluctuations, money and banking, economic stabilization. Price theory, market structures, distribution theory, international trade.

### **311. INTERMEDIATE ECONOMIC THEORY**

**3 semester hours**

Intermediate price theory, market structure, and distribution theory. Prerequisites: Economics 211, 212.

### **312. COMPARATIVE ECONOMIC SYSTEMS**

**3 semester hours**

Study of capitalism, Marxian theory, and theoretical socialism. Included is an in-depth analysis of British Socialism and the economy of the Soviet Union. Prerequisites: Economics 211, 212. Offered alternate years.

### **313. LABOR ECONOMICS**

**3 semester hours**

Study of the historical development, structure, government, and specific problems of the trade union movement. Emphasis is placed on collective bargaining, the economics of the labor market, minimum wages, maximum hours, and governmental security programs and labor law. Prerequisites: Economics 211, 212. Winter term only.

### **321. MANAGERIAL ECONOMICS**

**3 semester hours**

Elementary quantitative tools applied to the theory of the firm and consumer theory settings, including optimization, utility theory, demand and costs, and market structures. Prerequisites: Economics 211, 212; Mathematics 111, 160; Business Administration 212.

### **331. MONEY AND BANKING**

**3 semester hours**

Study of history, structure, functions, and operations of our commercial and central banking system. Emphasis is placed on monetary theory, monetary policy, and the mechanism of international payments. Prerequisites: Economics 211, 212.

### **332. PUBLIC FINANCE**

**3 semester hours**

A positive and normative approach to the role of government in the economy. Public expenditures are discussed in light of pure theory, the theory of social choice, and practical application. The approach to taxation involves theory, resource allocation, income distribution, and analysis of various forms of taxation. Taxation and expenditure are coordinated through public goods theory and fiscal federalism. Prerequisites: Economics 211, 212.

### **346, 347. STATISTICAL METHODS**

**3 semester hours each semester**

Statistical description, probability models, random variables, distributions, sampling variation, testing hypotheses, estimation, applications, tests of significance. Second semester includes goodness-of-fit, correlation, regression, time series, analysis of variance, order statistics, and Bayesian methods. One hour laboratory per week. Prerequisites: Mathematics 111 or proficiency test, Mathematics 160. Economics 346 is prerequisite for Economics 347. (Economics 346, 347 is the same as Mathematics 346, 347.)

### **411. DEVELOPMENT OF ECONOMIC THOUGHT**

**3 semester hours**

Development of economic thought from antiquity to the present. Identification of various schools of economic thought and critical evaluation of content. Prerequisites: Economics 211, 212. Offered alternate years.

### **412. INTERNATIONAL TRADE AND FINANCE**

**3 semester hours**

A study of fundamental principles of international economic relations. Subjects include: the economic basis for international specialization and trade; economic gains from trade; balance of international payments; problems of international finance; and international investments. Prerequisites: Economics 211, 212.

### **413. INTERMEDIATE MACROECONOMIC THEORY**

**3 semester hours**

National income accounting, business cycles, economic growth, forecasting, and economic stabilization. Prerequisites: Economics 211, 212. Offered alternate years.



**471. SEMINAR****3 semester hours**

A series of special topics for classes which cover both research and expansion of academic offerings. Areas of coverage include advanced study of catalog offerings as well as other topics of general interest. Prerequisite: Departmental permission.

**491. INDEPENDENT STUDY****3 semester hours****Education**

*Chairman:* Assistant Professor P. Williams

*Associate Professors:* Simon, Stone, J. W. Williams

*Assistant Professor:* Harper

The student planning to teach in North Carolina can fulfill the professional requirements by taking the education and psychology courses prescribed below. The student planning to teach in a state other than North Carolina should obtain a copy of the certification requirements for a public school teacher from the State Superintendent of Education in the state in which he plans to teach if the state does not have a reciprocity agreement with North Carolina.

Before being accepted into the teacher education program, the student must be approved by the faculty committee on teacher education; he is required to have and maintain at least a 2.00 average in his major and a 2.00 average overall. In all cases approval is subject to the discretion of the faculty committee, which bases its decisions upon a consideration of such factors as the above and the following: the student must have satisfactory command of the English language (written and oral), and must be mentally, physically, morally, and emotionally acceptable for teaching. Application forms for the teacher education program are available in the office of the chairman of the teacher education committee and must be filed by November 1 or April 1 of the semester immediately prior to the beginning of the student's junior year.

To be approved for student teaching, a student must have at least a 2.10 grade point average.

Upon completion of quantitative requirements a student must have an average of at least 2.10 in his major and a 2.10 cumulative average in order to be recommended for teacher certification to the North Carolina Department of Public Instruction.

All candidates for secondary school and special subject certification must have at least one course in a laboratory science, at least one course in Mathematics, and a course in the teaching of reading at the secondary level. Candidates for elementary school certification must take Mathematics 261 and 262, Biology 260 and Chemistry 260 (or Physics 260).

The normal sequence of professional education courses to be taken by the student approved for teacher training is as follows:

**Elementary School**

Second year: Psychology 211 and Education 211.

Third year: Psychology 321, Education 321, and Math 261.

Fourth year: Psychology 331, and Math 262.

Fourth year (during student teaching semester): Education 311, Education 473, and Education 481.

**Secondary School**

Second year: same as above.

Third year: Psychology 321, Education 211 (if the course was not taken during the second year), and Education 322.

Fourth year (during fall semester): Education 472 (subject area).

Fourth year (during student teaching semester): Psychology 341, Education 311, Education 471, and Education 481.

### **Requirements for an Elementary Education Major**

A major in Elementary Education consists of courses necessary to meet requirements for Early Childhood or Intermediate certification in the public schools of North Carolina.

Those students seeking certification in the Intermediate grades (4 through 9) are required to have two subject area concentrations. These areas are Social Studies and one of the following: English, Math/Science, Mathematics, Music, Physical Education.

Required courses common to both Intermediate and Early Childhood certification programs include the following: Art 271; Biology 260 and Chemistry 260 (or Physics 260); Economics 211; Fine Arts 211; English 111, 112, 221 or 222, 231 or 232, 301; Geography 121, 131; History 211, 212; Mathematics 261, 262; Physical Education 360 or 361; Political Science 231; Sociology 111, 112; Psychology 211, 321, 331; and Education 211, 311, 321, 473, 481.

### **211. INTRODUCTION TO EDUCATION**

**3 semester hours**

A study of teaching as a profession; public school organization and administration; curriculum; financial support; co-curricular activities; accreditation and teacher certification; teacher's role in public relations.

### **281. PRACTICUM PRIOR TO STUDENT TEACHING**

**1 or 3 semester hours**

Designed for sophomore and juniors as a pre-student teaching field experience. Students will work full day as teacher aides in the local school system. One semester hour credit for Business Education majors, others, 3 semester hours. Winter term only.

### **311. FOUNDATIONS OF EDUCATION**

**3 semester hours**

The historical development and philosophical bases of public education in America; the school's role and influence in society; the teacher's role as it has emerged from the philosophies, practices, and policies of public education. Prerequisite: Education 211.

### **321. READING IN THE LOWER GRADES**

**3 semester hours**

A study of the fundamental processes by which a child learns to read, with attention to readiness factors, vocabulary development, word attack, and comprehension skills. Required of all students seeking early childhood and intermediate certification. Prerequisite: Junior or Senior status.

### **322. READING IN THE UPPER GRADES**

**3 semester hours**

A study of the reading process and reading problems of students above the primary level. Study includes the reading process, diagnosis of reading difficulties, remedial techniques, standardized tests, vocabulary building. Required of all students seeking secondary and special subject certification. Prerequisite: Junior or Senior status.

### **471. MATERIALS AND METHODS OF HIGH SCHOOL TEACHING**

**2 semester hours**

Study of the general methods, techniques and practices applied in the secondary school. Open only to seniors and scheduled in conjunction with student teaching. Taught in conjunction with Education 472, the course in materials and methods of each subject-matter concentration, listed below.

### **472a. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL BUSINESS EDUCATION**

**2 semester hours**

Training in teaching business subjects offered in the high school program; emphasis on methods of evaluating student performance, on the professional development of the business education teacher, and on materials used on the teaching of basic business. Winter term only.

**472b. MATERIALS AND METHODS OF TEACHING****HIGH SCHOOL ENGLISH****3 semester hours**

A study of the content and organization of the English curriculum; emphasis upon the methods and materials used in teaching reading, literature, grammar, oral and written expression. Fall semester only.

**472d. MATERIALS AND METHODS OF TEACHING****HIGH SCHOOL MATHEMATICS****3 semester hours**

A study of the objectives and content of the mathematics curriculum, and the materials, techniques, tests and methods of evaluation used in the teaching of mathematics. Fall semester only.

**472e. MATERIALS AND METHODS OF TEACHING****PHYSICAL EDUCATION****3 semester hours**

Methods, materials, and techniques of teaching skills in the school physical education curriculum; organization and planning of the total curriculum as well as daily programs; laboratory experiences in observing and conducting activity classes in on-campus student teaching in conjunction with activity classes. Should be taken during junior year.

**472f. MATERIALS AND METHODS OF TEACHING****HIGH SCHOOL SCIENCE****2 semester hours**

The role of science in the secondary school curriculum. Current trends and methods used in teaching the Natural Sciences. Selection and organization of materials; familiarization with course content and some texts in current use; materials available and their sources. Laboratory and classroom methods; evaluation of laboratory work, classroom work, testing. Opportunity to do experimental organization and teaching to members of the student's own group; emphasis on Biology, Chemistry or Physics, depending upon the prospective teacher's major discipline. Fall semester only.

**472g. MATERIALS AND METHODS OF TEACHING****HIGH SCHOOL HISTORY AND SOCIAL STUDIES****3 semester hours**

A study of the objectives, content, materials and methods in the teaching of history and the social studies. Fall semester only.

**473. MATERIALS AND METHODS IN ELEMENTARY EDUCATION** **6 semester hours**

Investigation, evaluation, and selection of content, materials and methods used in the organization, planning, and teaching of language arts, social studies, science and mathematics in the elementary school. Open only to seniors and scheduled in conjunction with student teaching.

**481. SUPERVISED OBSERVATION AND STUDENT TEACHING** **6 semester hours**

This course provides the student with actual experience in the classroom on a full-time basis for a period of eight weeks, with periodic conferences with the supervisor and a short seminar at the end of the student teaching term. The student becomes acquainted with the duties and observes the methods and activities of an experienced teacher with gradual induction into full-time teaching responsibilities.

**English**

*Chairman, Department of Literature and Languages:* Associate Professor Bland  
*Professors:* Blake, Priestley

*Associate Professors:* Berry, Gerow, Smith

*Assistant Professors:* Angyal, Baynes, Euliss, Gill, Cochran, Mackay, Brittain

*Instructor:* Maness

The major in English consists of English 111, 112, 221 or 222, 231, 232, 240, and eighteen hours of electives in English. Students majoring in English for teacher certification are required to take English 111, 112, 221 or 222, 231, 232, 240, 351, 352, 353, 420 and six hours of electives in English; Communications 210. Students are admitted to upper level English courses (200 and above) by

successfully completing English 111 and 112, by scoring in the 50th percentile or above on the CLEP "Freshman English" exam for English 111 credit and "College Composition" for English 112 credit.

The minor in English consists of eighteen hours of English courses beyond English 111 and 112, at least nine hours of which must be 300-400 level courses.

#### **100. BASIC WRITING SKILLS**

**3 semester hours (3 class hours, 2 lab hours)**

Basic writing skills course required of all entering students except those who can demonstrate writing competence. This course does not satisfy the general distribution requirement in humanities or the requirements for English major or minor. "C" minimum grade required as prerequisite for English 111. Not open to students with credit for English 111.

#### **106. READING SKILLS**

**2 semester hours**

A laboratory course designed to help students improve their reading comprehension, to increase their reading speed to appropriate levels, and to increase their vocabulary. Required of all entering students except those who can demonstrate reading competence. This course does not satisfy the general distribution requirement in humanities or the requirements for the English major or minor.

#### **111. FRESHMAN ENGLISH**

**3 semester hours**

A course in composition emphasizing grammar, sentence clarity, paragraph construction, and patterns of organization for entire essays. Some class time will be used for individual instruction. Frequent papers.

#### **112. FRESHMAN ENGLISH**

**3 semester hours**

A continuation of English 111. Some emphasis given to development of tone and style in the writing of essays. In addition, short fiction and research techniques will be studied. Prerequisite: English 111.

#### **221. AMERICAN LITERATURE**

**3 semester hours**

A survey of American Literature from the Colonial Period to 1860 as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

#### **222. AMERICAN LITERATURE**

**3 semester hours**

A survey of American Literature from 1860 to the present as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

#### **231. ENGLISH LITERATURE**

**3 semester hours**

A survey of English Literature from Beowulf to the end of the eighteenth century as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

#### **232. ENGLISH LITERATURE**

**3 semester hours**

A survey of English Literature from the beginning of the nineteenth century to the present as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

#### **240. WORLD LITERATURE - Asian lit**

**3 semester hours**

A survey of World Literature from the Old Testament to the present as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

#### **241. CLASSICAL LITERATURE**

**3 semester hours**

A study of the stories of Greek and Roman mythology and their influences on Western European literature, theater, music, and art. No credit toward the English major or minor.

#### **272. TOPICS IN LITERATURE**

**1 semester hour**

A study of a restricted subject such as the writings of a single writer, a comparative study of two or three writers, or a significant theme that recurs in literature. Each individual subject may be taken for credit.

#### **301. CHILDREN'S LITERATURE**

**3 semester hours**

Children's literature as a basis for the selection and production of reading or story material for children in the primary and elementary grades. Examination of the field of children's literature and folk literature to discover reading which satisfies modern educational requirements. No credit on the English major or minor. Prerequisites: English 111, 112.

**320. LITERATURE OF THE SOUTH****3 semester hours**

A study of twentieth-century Southern literature, its background and themes, with attention given to major writers of the century and to significant contemporaries. Prerequisites: English 111, 112.

**330. CHAUCER****3 semester hours**

An in-depth study of Chaucer's major works set against the intellectual background of the late Middle Ages; the greater portion of *The Canterbury Tales*, *Troilus and Cressida*, two dream visions and several of the lyrics. Prerequisites: English 111, 112.

**331. SHAKESPEARE****3 semester hours**

The study of a selected group of Shakespeare's comedies, tragedies, and histories. Prerequisites: English 111, 112.

**332. MILTON****3 semester hours**

A study of selected works of Milton in poetry and prose as reflected against the intellectual background of the seventeenth century. Prerequisites: English 111, 112.

**334. STUDIES IN THE ROMANTIC PERIOD****3 semester hours**

An intensive study of selected major literary figures of the Romantic Period with interpretive and biographical emphases. Topics to vary. Prerequisites: English 111, 112.

**335. STUDIES IN THE VICTORIAN PERIOD****3 semester hours**

Selected readings in the prose and poetry of nineteenth-century England (1832-1900). Included in the study will be Tennyson, Browning, Carlyle, Arnold and others, as well as some characteristics of the period. Prerequisites: English 111, 112.

**340. LITERARY CRITICISM: PRINCIPLES AND PRACTICES****3 semester hours**

The study of the contribution of major literary critics, from the classical period to the present with emphasis upon their interpretations and techniques. Prerequisites: English 111, 112.

**351. THE ENGLISH LANGUAGE****3 semester hours**

A study of the growth and development of the English language, its phonological and morphological changes, and its dialectal variations in the United States; a review also of traditional grammar. Prerequisites: English 111, 112.

**352. INTRODUCTION TO RHETORIC****3 semester hours**

A study of the resources of language as a vehicle of communication. The emphasis is on the practical application of these resources to the problems of written communication by the writing of frequent papers. Prerequisites: English 111, 112.

**353. INTRODUCTION TO LINGUISTICS****3 semester hours**

A study of traditional grammar and of the transformational-generative systems of language description. Prerequisites: English 111, 112.

**362. A STUDY OF FILMS****3 semester hours**

A survey of significant world cinema, using films that illustrate differences in national cultures, chief periods and types of film-making, and the achievements in techniques and ideas of the greatest directors. Small fee. Prerequisites: English 111, 112.

**364. INTRODUCTION TO FOLKLORE****3 semester hours**

A study of the enrichment of both literature and life through the contributions of "the folk." Emphasis on the folk tale, myths, legends, superstitions and folk music. Prerequisites: English 111, 112.

**371. ENGLISH SEMINAR: SELECTED TOPICS****3 semester hours**

Open only to English majors of junior or senior standing or by special permission of the instructor. Topics announced in advance.

**420. THE AMERICAN NOVEL****3 semester hours**

A study of representative types of American novels from the nineteenth century to the present. Prerequisites: English 111, 112.



**431. THE BRITISH NOVEL**

**3 semester hours**

A study of representative types of British novels from the eighteenth century to the present. Prerequisites: English 111, 112.

**432. ENGLISH STUDIES IN BRITAIN**

**3 semester hours**

A study-tour based in London with emphasis on the theater and places of literary and cultural importance. Excursions to such places as Stratford-upon-Avon, Stonehenge, and Canterbury. Prerequisite: English 111. No credit on the English minor.

**441. POETRY**

**3 semester hours**

A study of the major types of poetry. Prerequisites: English 111, 112.

**442. DRAMA**

**3 semester hours**

A study of representative types of plays from Greek to contemporary drama. Prerequisites: English 111, 112.

**443. SHORT STORY**

**3 semester hours**

A study of English and American short stories of the nineteenth and twentieth centuries. Prerequisites: English 111, 112.

**444. SATIRE IN PROSE AND VERSE**

**3 semester hours**

A study of satirical literature from Juvenal to Art Buchwald and a brief survey of satire in works for stage, television, movies, comics, and art. Prerequisites: English 111, 112.

**460. LITERATURE AND THEOLOGY**

**3 semester hours**

A study focusing on the relationship between the literary and theological disciplines with special attention to critical essays in this field with discussion of contemporary literature illustrative of various approaches to religious questions. Prerequisites: English 111, 112. (English 460 is the same as Religion 460.)

**491. INDEPENDENT STUDY**

**3 semester hours**

## Fine Arts

*Chairman:* Professor Westafer

*Associate Professors:* Bragg, Daniel, J. White

**211. INTRODUCTION TO FINE ARTS**

**3 semester hours**

A comparative study of major artistic styles and representative examples of painting, sculpture, architecture, music, and drama. Designed to help the student discover universal esthetic qualities common to all art works. Two lecture hours and one seminar hour a week.

## Foreign Languages

*Chairman, Department of Literature and Languages:* Associate Professor Bland

*Associate Professor:* C. White

*Assistant Professors:* Baynes, W. Rich, Taylor

**FRENCH 111-112. ELEMENTARY FRENCH**

**3 semester hours each semester**

Introduction to the essentials of French grammar, pronunciation, composition, conversation, and civilization. A continuous course which must be completed for credit toward a degree.

**FRENCH 211, 212. INTERMEDIATE FRENCH**

**3 semester hours each semester**

Systematic review of the fundamentals of French with attention to correct pronunciation, oral drill, composition, and special emphasis on the development of reading skills. Prerequisite: two units of high school French or French 111-112 or equivalent.

**GERMAN 111-112. ELEMENTARY GERMAN**

**3 semester hours each semester**

The fundamentals of German, common vocabulary, pronunciation, elementary composition, reading, and translation. A continuous course which must be completed for credit toward a degree.

**GERMAN 211, 212. INTERMEDIATE GERMAN**

**3 semester hours each semester**

The reading and translation (partly at sight) of German prose and poetry. Exercises in composition and free reproduction, oral and written, with considerable colloquial practice and rapid review of grammar. Prerequisites: two units of high school German or German 111-112.

**GREEK 111-112. ELEMENTARY GREEK**

**3 semester hours each semester**

Mastery of declensions and conjugations, synopsis of verbs, word analysis, derivation and composition, and simpler principles. Drill in pronunciation by reading Greek aloud. Offered alternate years. A continuous course which must be completed for credit toward a degree.

**GREEK 211, 212. INTERMEDIATE NEW TESTAMENT  
GREEK**

**3 semester hours each semester**

Intermediate Greek grammar with emphasis on readings in the New Testament. Textual problems, and problems and methods of interpretation. Prerequisites: Greek 111-112. Offered alternate years.

**SPANISH 111, 112. ELEMENTARY SPANISH**

**3 semester hours each semester**

Essentials of grammar, pronunciation, composition, conversation.

**SPANISH 211, 212. INTERMEDIATE SPANISH**

**3 semester hours each semester**

Systematic review of the fundamentals of Spanish, with oral drill, composition, and emphasis on development of reading skills. Prerequisites: two units of high school Spanish or Spanish 111, 112.

**FOREIGN LANGUAGE 491. INDEPENDENT STUDY**

**3 semester hours**

Readings and study of selected materials covering specific topics, authors, or periods of foreign literature and civilization under the guidance of a member of the staff.

## Geography

*Chairman, Department of Social Sciences: Associate Professor Watts*

*Assistant Professor: Cates*

A minor in Geography consists of Geography 121, 131, and twelve additional hours in Geography.

**121. PHYSICAL GEOGRAPHY**

**3 semester hours**

A study of man's natural environment. Elements studied are weather and climate, water bodies, soils, natural vegetation, wildlife and landforms. Emphasis on interrelations among these environmental elements, their world-wide patterns, man's adaptations to them and impact on them, and maps used to represent them.

**131. WORLD REGIONAL GEOGRAPHY**

**3 semester hours**

A study of the natural environment and human characteristics of the world's major regions. Emphasis on distinguishing characteristics and major problems of each region and on the nature of man's adaptation in each.

**211. ECONOMIC GEOGRAPHY**

**3 semester hours**

A study of the human and environmental influences on the locations of the different types of economic activity and the resulting spatial patterns. Emphasis on location or agricultural and manufacturing production and the distribution of the various land uses within cities. Offered alternate years.

**311. GEOGRAPHY OF THE UNITED STATES AND CANADA**

**3 semester hours**

A study of Anglo-America's natural environment, population, and human activities. A description of continental patterns is followed by concentration on the subregions. Offered alternate years.

**321. GEOGRAPHY OF EUROPE****3 semester hours**

A study of the environmental and human characteristics of Europe. Continent-wide patterns are studied as well as the subregions and countries which make up Europe. Offered alternate years.

**351. POPULATION GEOGRAPHY****3 semester hours**

An analysis of population distribution/density, mortality/fertility, and movement/migration. Past and current trends in population numbers and characteristics are examined, stressing economic and cultural impacts. The future is considered in relation to the known resource base. Offered alternate years.

**355. POLITICAL GEOGRAPHY****3 semester hours**

A geographical study of the spatial structure and function of political phenomena, particularly political processes and systems in the United States at the local, metropolitan, state, and regional levels. Offered alternate years.

**361. URBAN GEOGRAPHY****3 semester hours**

The spatial study of urban settlement. The system of cities, emphasizing the relationships among cities and between cities and their tributary areas. The internal land-use and activity patterns of cities, with particular reference to North American developments. Offered alternate years.

**491. INDEPENDENT STUDY****3 semester hours**

A specialized study of selected topics through the use of independent study or travel. By special permission of the instructor. May be repeated for credit.

## History

*Chairman, Department of Social Sciences:* Associate Professor Watts

*Professors:* Delp, Moncure

*Associate Professor:* G. Troxler

*Assistant Professors:* Crowe, Holt, C. Troxler, Lowry

A major in History requires History 111, 112, 211, 212, one seminar course, plus 18 semester hours of electives in History; 3 semester hours from Political Science; plus 9 semester hours on the junior-senior level from the Social Sciences, Literature, Religion, or from any course in Philosophy, Psychology, or Foreign Language.

History majors receiving teacher certification must have Geography 131 and Political Science 231 in addition to the required professional education course. (Political Science 231 fulfills the requirement of 3 semester hours in Political Science.)

A minor in History consists of History 111, 112, 211, 212, one seminar, and three elective hours in History. A minor in American History consists of History 211, 212, one seminar in American History, and nine elective hours in United States or Latin American History. A minor in European History consists of History 111, 112, one seminar in European or English History, and nine elective hours from European, English, and/or Russian History.

**111, 112. HISTORY OF WESTERN CIVILIZATION****3 semester hours each semester**

European history from the era of pre-history to the present. The cultural and social development of the various ancient and European cultures is given equal emphasis with the course of events in political and economic spheres. History 111 covers the period from pre-history to the year 1660; History 112, the years 1660 to the present.

**211, 212. AMERICAN HISTORY****3 semester hours each semester**

American History from the period of discovery and colonization to the present. Emphasis is upon certain fundamental themes in American history and forces that have shaped

Hist.  
Misc.  
or  
under  
geo. area

- Archaeology

American life. History 211 covers the period from discovery to 1864; History 212, the years from 1865 to the present.

## **216. NORTH CAROLINA HISTORY**

**3 semester hours**

The history of North Carolina from the first discoveries of the area to the present. Includes study of political, agricultural, industrial, religious, educational, literary, and social developments. Recommended for all students. Prerequisites: History 211, 212.

## **271. SEMINAR**

**1-3 semester hours**

## **311, 312. HISTORY OF ENGLAND**

**3 semester hours each semester**

English history from the time of Britain's first contacts with the Roman world to the present. History 311 is a survey of English history to 1603; History 312 covers the period from 1603 to the present. Prerequisites: History 111, 112.

## **313. THE HISTORY OF LATIN AMERICA TO 1825**

**3 semester hours**

The Americas south of the Rio Grande from the arrival of Europeans until most of the area gained political independence. Focus is on those developments that have molded contemporary Latin America. Major topics include Iberian exploration and settlement, the interaction of Amerind and Iberian cultures, the formation of Colonial societies, independence movements and formative socio-economic institutions. Prerequisites: History 111, 112 or 211, 212. Offered alternate years.

## **314. THE HISTORY OF LATIN AMERICA FROM 1825 TO PRESENT**

**3 semester hours**

Chronological and regional frameworks are used to explore social, political, economic and intellectual developments in the Americas south of the Rio Grande since independence. Major focus is on the period since 1910. Prerequisite: History 313. Offered alternate years.

## **315. THE HISTORY OF RUSSIA TO 1917: THE IMPERIAL PERIOD**

**3 semester hours**

A survey of Russian history from the founding of the Russian state to the fall of the Romanov dynasty in 1917. Emphasis is placed on the various elements in Russia's past that have molded its historical character. Prerequisites: History 111, 112. Offered alternate years.

## **316. THE HISTORY OF RUSSIA SINCE 1917: THE SOVIET PERIOD**

**3 semester hours**

A detailed study of the personalities and political movements that have been important in Russia since the time of Lenin. The course will strongly emphasize Soviet domestic policies and their impact upon Russia and the world as well as the leadership role the USSR has played in the world communist movement. Prerequisites: History 111, 112. Offered alternate years.

## **341. UNITED STATES FOREIGN POLICY TO 1939**

**3 semester hours**

Diplomatic history of the United States from the Revolution to the outbreak of World War II. Emphasis is on the political and constitutional influences on United States foreign relations and the evolution of major policies. Prerequisites: History 211, 212. Offered alternate years. (History 341 is the same as Political Science 341.)

## **342. UNITED STATES FOREIGN POLICY SINCE 1939**

**3 semester hours**

A study of the foreign relations, foreign policy, and international politics of the United States since 1939. Examines the United States in the international arena as a world power. Prerequisites: History 211, 212, and Political Science 231; or permission of the instructor. (History 342 is the same as Political Science 342.)

## **343. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES**

**3 semester hours**

A study of influential trends arising from the experience of the American people in developing a national character. Particular attention is devoted to an analysis of philosophical, economic, literary and educational evolution of the nation from the colonial to the modern period. Prerequisites: History 211, 212. Offered alternate years.

## **344. THE SOUTH IN AMERICAN HISTORY**

**3 semester hours**

The civilization of the South from the time the region became conscious of its identity to the present. All phases of life are surveyed, and particular consideration is given to the

effects of the Civil War and Reconstruction, significant political trends, development in agriculture and industry, educational and cultural progress, the Negro, World War II, and the South today. Prerequisites: History 211, 212.

### **348. THE UNITED STATES SINCE 1917**

**3 semester hours**

Contemporary American History with emphasis on the political, social, and intellectual forces which have shaped American development since United States entry into the First World War. Prerequisite: History 212.

### **352. EUROPE 300-1300**

**3 semester hours**

The decline of Rome; the barbarian invasions; the rise of the papacy and the challenge of Islam are studied. Also the development of medieval political, economic and social institutions and the idea of a universal Christian Church. Prerequisites: History 111, 112. Offered alternate years.

### **353. EUROPE 1300-1648**

**3 semester hours**

The various phases of the Renaissance, Italian and Northern are considered. Humanism and the rise of the secular state; the Protestant and Catholic Reformations; the political, economic and cultural developments contributing to the expansion of Europe are studied. Prerequisites: History 111, 112. Offered alternate years.

### **355. EUROPE 1815-1914**

**3 semester hours**

The political, economic and social factors responsible for the English, American and French Revolutions and the Industrial Revolution will be studied as well as the struggles for Empire, the Napoleonic era, and the cultural, economic and political patterns of a changing society. Prerequisites: History 111, 112. Offered alternate years.

### **355. EUROPE 1815-1914**

**3 semester hours**

Political, social, economic and cultural developments with particular attention to the national and international problems, especially development of the principles of nationalism, liberalism, and imperialism along with the growth of modern ideologies in their political and economic setting. Prerequisites: History 111, 112. Offered alternate years.

### **357. THE TWENTIETH CENTURY, 1914**

**3 semester hours**

Contemporary global developments with special emphasis on the development and conflicts of democracy and dictatorship, two World Wars, and the problems and background of current history. Designed to aid the student in appraising present day issues. Prerequisites: History 111, 112, 211, 212.

### **371. COLONIAL AMERICA**

**3 semester hours**

A topical approach to Early American History incorporating weekly seminars combining directed readings, class discussion and written reports. Topics of study include European exploration and a comparison of Spanish, French, and British colonization. Emphasis is on the political and social development of the English North American colonies. Prerequisite: History 211. Offered alternate years.

### **372. THE ERA OF THE AMERICAN REVOLUTION 1763-1789**

**3 semester hours**

Weekly seminars combining directed readings, class discussion and written reports. In a study beginning with colonial resistance to British policy and concluding with the framing of the Constitution equal emphasis is given to the philosophical basis of the revolution, military history, political developments, and social and economic trends. Prerequisite: History 211. Offered alternate years.

### **373. ERA OF THE AMERICAN CIVIL WAR**

**3 semester hours**

Readings and/or research in this period of American history. This course begins with an examination of the causes of the War between the States and culminates in a study of the conflict and leaders of the era. Prerequisites: History 211, 212. Offered alternate years.

### **374. TWENTIETH CENTURY AMERICANS**

**3 semester hours**

Readings and/or research on famous figures of twentieth-century America with special emphasis on those who have made notable contributions to the American way of life. Prerequisites: History 211, 212. Offered alternate years.



**375. READINGS IN THE HISTORY OF  
AMERICAN SOCIAL REFORM****3 semester hours**

A study of primary and secondary sources relating to the movements which have effected social change in the United States from the period of the American Revolution to the present. Temperance, antislavery, communitarianism and minority rights are among the topics explored in depth. Prerequisites: History 211, 212. Offered alternate years.

**377. READINGS IN THE TUDOR PERIOD OF ENGLISH HISTORY****3 semester hours**

Selected topics are the basis of directed readings and conferences and also of weekly meetings for oral reports and discussion. The new sovereignty, Crown-Parliament relations, the growth of Protestantism, social change, and commercial expansion are among the themes pursued from the accession of Henry VII in 1485 until the death of Elizabeth I in 1603. Prerequisites: History 111; History 311 or permission of instructor. Offered alternate years.

**378. READINGS IN THE STUART PERIOD OF ENGLISH HISTORY****3 semester hours**

Selected topics are the basis of directed readings and conferences and also of weekly meetings for oral reports and discussion. The topics examine varied aspects of the conflicts which pulsed England during the "century of revolution," 1603-1714. Prerequisites: History 111; History 311 or permission of instructor. Offered alternate years.

**379. SELECTED READINGS ON THE SOVIET UNION****3 semester hours**

A study of the Soviet Union from its inception in 1917 to the present day. Weekly discussion sessions focus on selected topics and readings chosen by the instructor and the student with emphasis on major historical trends in the Soviet past that relate to current Soviet policies and international relations. Prerequisites: History 111, 112. Offered alternate years.

**471. ADVANCED STUDY OF HISTORY****3 semester hours**

A specialized study of topics or themes in history by small groups or those participating in departmental travel programs. Does not fulfill history seminar major requirement. Non-travel projects open only to history or social science majors who have junior or senior standing or by special permission of the instructor. May be repeated for credit.

**491. INDEPENDENT STUDY****3 semester hours**

Individual study of an area of special historical interest under a member of the history faculty. Open only to history majors and minors who have junior or senior standing or by permission of the instructor. Prerequisites: History 111, 112 or 211, 212.

**Home Economics**

*Chairman:* Assistant Professor Brannock

**101. FOOD FOR THE FAMILY****3 semester hours**

Composition, nutritive value, selection, preparation, and service of foods for the family. Experiences in the purchase, preparation, and service of foods for special occasions. 2 class hours, 3 laboratory hours.

**102. CLOTHING SELECTION AND CONSTRUCTION****3 semester hours**

Clothing selection, wardrobe planning, and clothing care for individuals and families; color and design in dress; factors which influence personal appearance; guides to the purchase and construction of clothing and basic textile information related to service and care of clothing. 2 class hours, 3 laboratory hours.

**103. HOUSING AND HOME FURNISHINGS****3 semester hours**

Deals with matters pertaining to the house and its environs. Art structure, good spacing, tone relations, and color arrangements, as applied to planning, decorative, and furnishing a home. Includes architectural elements, period furniture, decorative treatments, and materials. 3 class hours.

**104. FAMILY ECONOMICS AND HOUSEHOLD EQUIPMENT****3 semester hours**

Directed toward the development of skill in the use of human and material resources of the home through application of the managerial process to individuals and groups and to the use of time, energy, money and property. Problems in consumer buying, use, and care of household equipment. 3 class hours.

**171. SPECIAL PROBLEMS IN HOME ECONOMICS****3 semester hours**

Studies chosen from the various phases of Home Economics, such as trends in food, clothing, and housing. Content based primarily on interests of students. Winter term only.

## Human Services - *Health Science*

*Chairman:* Assistant Professor Higgs

*Associate Professor:* Marlette

A major in Human Services consists of Human Services 211, 231, 381, 411, 431, 481; Business Administration 323, 329; Economics 211, 346; Psychology 211, 341; Sociology 111, 211, 311; and Philosophy 111 or 115.

A major in Human Services prepares the graduate to work in society's many social welfare subsystems — health, education, mental health, welfare, family services, corrections, child care, vocational rehabilitation, housing, community service, and the law.

Prior to taking Human Services 381 students must be approved by the Human Services Screening Committee. Applications for taking Practicum, available in the office of the Department Chairman, must be submitted no later than October 1 of the junior year. A minimum grade point average of 2.00 is required to be eligible.

All other major requirements must be taken prior to taking Human Services 481. Students are required to have a minimum overall grade point average of 2.10 by the end of the fall semester of the senior year in order to enter the internship. Applications must be submitted by October 1 of the senior year.

**211. INTRODUCTION TO HUMAN SERVICES****3 semester hours**

A study of communities, their needs, and cooperative organizations and programs designed to meet needs of both individuals and groups. The organization and purposes of community agencies, private and public.

**231. SOCIAL GROUP WORK****3 semester hours**

The historic and generic development of group processes as it applies to age groups, family groups, and other groups. Problems of group organization, disorganization, and reorganization in society. Criteria for selection of group activities.

**381. PRACTICUM IN HUMAN SERVICES****3 semester hours**

Preliminary field experiences to orient student in various areas of human services.

**411. ADMINISTRATION, SUPERVISION, AND FINANCING OF HUMAN SERVICE AGENCIES****3 semester hours**

Principles and techniques in the administration of human services. Planning, staff selection, budgeting, financing, management, working with boards and volunteer groups.

**431. PRINCIPLES OF COUNSELING****3 semester hours**

Counseling techniques for persons who will work in the helping professions. Includes psychodynamics of behavior and the principles of individual and group counseling.

**481. INTERNSHIP****6 semester hours**

This course provides the student with actual experience in a human service agency on a full-time basis for 7-8 weeks. The student becomes acquainted with the duties and observes the methods and activities of experienced human service personnel.

**491. INDEPENDENT STUDY****1-3 semester hours**

## Mathematics

*Chairman:* Associate Professor Francis

*Associate Professors:* Alexander, Barbee, Haworth, J. F. Williams

*Assistant Professor:* Evans

*Instructor:* Speas

A major in Mathematics consists of Mathematics 111, 112, 121 (or 161), 221, 222, 311, 312, 321, 425; three courses from Mathematics 241, 331, 341, 346, 421, 426; and Physics 111, 112.

For the student planning to teach mathematics required courses are Mathematics 111, 112, 121 (or 161), 221, 222, 311, 312, 321, 331, 341 or 346, 425; and Physics 111, 112.

A minor in Mathematics consists of Mathematics 111, 112, 121 or 161, 221, 311, and one additional Mathematics course numbered 200 or above (excluding 261, 262).

A student may exempt Mathematics 111 by demonstrating proficiency in the area of algebra.

### 100. INTRODUCTORY ALGEBRA

3 semester hours (class meets 5 hours a week)

A course designed to strengthen the fundamental algebraic concepts of exponents, factoring, equation and inequality solving, algebraic fractions, radicals and applications. This course or a demonstrated competence is required of all students desiring to take Math 111. This course is not applicable to general distribution requirements for Math-Science. No credit is given to students having passed Math 111, or a course for which Math 111 is a Prerequisite.

### 101. BASIC CONCEPTS IN MATHEMATICS

3 semester hours

A course designed to meet partially the mathematics-science requirement of the College. The intent of the course is to give the student a basic understanding and appreciation of mathematical ideas. Topics are selected from: methods of counting, probability, statistics, number sequences, trigonometry, the metric system, geometry, systems of numeration, and business mathematics. No credit given to students having prior credit for Mathematics 111, 112, 121 or 161.

### 111. COLLEGE ALGEBRA

3 semester hours

Topics include sets, real numbers, equations, inequalities, exponents, polynomials, rational expressions, relations, functions, and graphs.

### 112. TRIGONOMETRY AND ELEMENTARY FUNCTIONS

3 semester hours

A course in basic functions. Topics include the arithmetic of functions; circular, trigonometric, exponential, logarithmic and inverse functions. Prerequisite: Mathematics 111 or demonstrated competency.

### 121. CALCULUS AND ANALYTIC GEOMETRY I

3 semester hours

Introduction to analytic geometry; functions; limits and derivatives; differentiation of algebraic functions; applications to the derivative. Prerequisite: Mathematics 111. Credit will not be given for both Mathematics 121 and 161.

### 160. TOPICS AND APPLICATIONS OF FINITE MATHEMATICS

3 semester hours

A course designed as a service course to other departments and to fulfill partially the general mathematics-science requirement of the College. Topics have been chosen which lend themselves most easily to applications in other disciplines. Topics covered include progressions, matrices and determinants, linear systems, permutations, combinations, probability, and the binomial expansion.

### 161. A CALCULUS OVERVIEW

3 semester hours

A course designed as a service to other departments that desire a non-rigorous introduction to the concepts of function, limit, differentiation, integration and their respective

applications. Not recommended for Mathematics majors. Prerequisite: Mathematics 111 or demonstrated competency. Credit will not be given for both Mathematics 121 and 161.

**221. CALCULUS AND ANALYTIC GEOMETRY II** **3 semester hours**

The conic sections and other algebraic curves; the definite integral; the definite integral as a limit of a sum; differentiation of transcendental functions. Prerequisites: Mathematics 112 and 121 (or 161).

**222. CALCULUS AND ANALYTIC GEOMETRY III** **3 semester hours**

Formal integration; further applications; the mean value theorem and related topics; parametric equations, polar coordinates, and applications. Prerequisite: Mathematics 221.

**241. MATHEMATICAL LOGIC** **3 semester hours**

An introduction to symbolic logic and axiomatics. Prerequisite: Mathematics 111 or permission of department.

**251. FORTRAN PROGRAMMING LANGUAGE** **3 semester hours**

An introductory course in Fortran programming. Flowcharting, language structure, and programming methods will be studied. Intended for any student interested in, or having a need for, computer usage.

**261, 262. MATHEMATICS FOR THE ELEMENTARY TEACHER** **3 semester hours each semester**

A content course in mathematics open only to those students majoring in elementary education. Topics considered include: the nature of numbers, elementary logic; properties of the real number system and its subsystems, including the number line, number bases, modular arithmetic, and other topics from number theory; basic concepts of algebra, including the concepts of relation and function; informal geometry; applications. Prerequisite to Mathematics 262 is Mathematics 261.

**311. LINEAR ALGEBRA** **3 semester hours**

An introductory course in linear algebra covering the following topics: vectors, vector spaces, matrices, determinants, systems of linear equations, and linear transformations. Prerequisite: Mathematics 121.

**312. MODERN ALGEBRA** **3 semester hours**

An introductory course in abstract algebra covering major elementary aspects of the subject; properties of the integers, congruence, the real and complex number systems, integral domains, rings, fields, groups and polynomials. Prerequisite: Mathematics 311.

**321. CALCULUS AND ANALYTIC GEOMETRY IV** **3 semester hours**

Infinite series; solid analytic geometry; partial differentiation; multiple integration. Prerequisite: Mathematics 222.

**331. MODERN GEOMETRY** **3 semester hours**

A rigorous treatment of the axiomatic foundations of Euclidean geometry through Hilbert's axioms; the role and independence of the parallel postulate, revealed through models and neutral geometry; historical and philosophical implications of the discovery of non-Euclidean geometry with an introduction to both hyperbolic and elliptic geometry. Prerequisite: Mathematics 221.

**341. PROBABILITY THEORY** **3 semester hours**

Sample space, combinations, random variables, distributions, central limit theorem. Prerequisite: Mathematics 221.

**346, 347. STATISTICAL METHODS** **3 semester hours each semester**

Statistical description, probability models, random variables, distributions, sampling variation, testing hypotheses, estimation, applications, tests of significance. Second semester includes goodness-of-fit, correlation, regression, time series, analysis of variance, order statistics, and Bayesian methods. One hour laboratory per week. Prerequisites: Mathematics 111 or proficiency test, Mathematics 160. Mathematics 346 is a prerequisite for Mathematics 347. (Mathematics 346, 347 is the same as Economics 346, 347.)

**391. INDEPENDENT STUDY**

**1 or 2 semester hours each semester**

Open to students at all levels. Prerequisite: Permission of the mathematics staff. May be repeated with different topics. Maximum total credit, 8 semester hours.

**421. DIFFERENTIAL EQUATIONS**

**3 semester hours**

Methods of solving and applications of ordinary differential equations. Prerequisite: Mathematics 222.

**425, 426. ANALYSIS**

**3 semester hours each semester**

A rigorous study of the real numbers, sequences, series, limits, continuity, differentiation and integration. Prerequisites: Mathematics 312, 321 or permission of department.

**471. SENIOR SEMINAR: SPECIAL TOPICS**

**3 semester hours**

Topics selected to meet the needs and interests of the student. Open to senior mathematics majors and others by permission of the department of mathematics. Winter term only.

## Medical Laboratory Technician

*Chairman:* Associate Professor Ryals

*Program Director:* Scott

*Adjunct Associate Professor:* Powell

*Adjunct Assistant Professors:* Flora, Geyer

*Instructor:* Hilliard

The medical laboratory technician as defined by the American Society of Clinical Pathologists is one who has completed two years of college-level work, including science courses; or who has an equivalent education; who is able to perform more complicated laboratory procedures than a laboratory assistant; and who requires a limited amount of supervision by a physician or a medical technologist.

The Medical Laboratory Technician Program is offered in cooperation with Biomedical Laboratories of Burlington. The requirements for the Associate in Science degree are as follows: Medical Laboratory Technician 111-112, 221, 223, 225, 226, 231, 281, 282, 283, 321, 322; Biology 161-162; Chemistry 111, 112; English 111, 112; Mathematics 111 (or higher); Psychology 211; Sociology 111; and 2 semester hours in Physical Education activity courses to total 82 semester hours. Admission to the Medical Laboratory Technician Program is highly selective. A separate application is required. Application forms and policies are available in the Admissions Office.

For a Bachelor of Arts degree students who have completed the Medical Laboratory Technician Program should study the degree requirements in this catalog and consult the department chairman of the major field selected.

The requirements for the Bachelor of Applied Science are the same as the Associate in Science plus the following: Biology 211-212, 321, 341; Chemistry 211-212; 6 semester hours in Language/Literature; 6 semester hours in Religion; 6 semester hours in the Other Humanities area; and electives to total 126 semester hours.

### 111-112. INTRODUCTION TO CLINICAL LABORATORY I & II

**3 semester hours each semester**

An orientation to Medical Laboratory Technology emphasizing the role of the medical laboratory technician in the health delivery system, medical terminology, basic laboratory techniques and modern instrumentation. Open only to students in the Medical Laboratory Technician program. Three class hours, one laboratory per week. A continuous course which must be completed for credit toward a degree.



**221. HEMATOLOGY**

4 semester hours

Formation, composition and function of blood. Study of the diseases of blood; anemias, leukemias, and others. Obtain blood and perform manual cell counts, coagulation studies and other hematological tests.

**223. IMMUNOHEMATOLOGY**

2 semester hours

Introduction to principles of blood banking to include antigen-antibody relationship of blood groups and types; donor preparation; theory of antibody studies and compatibility testing.

**225. SEROLOGY**

1 semester hour

Basic principles of serological tests to include theory and performance of routine hospital tests such as VDRL, RPR, RA, CRP, and others. Study of titers, serial dilutions and techniques of kit type serological tests.

**226. ROUTINE ANALYSIS**

1 semester hour

Introduction to routine urine and body fluid examination. Study of urinary, gastrointestinal, and nervous system.

**231. CLINICAL CHEMISTRY**

3 semester hours

Introduction to basic clinical laboratory chemistry. Analysis of blood and other body fluid chemical constituents. Basic instrumentation including use of instruments, pipettes, solution preparation. Basic principles, normal values, testing procedures and basic lab technique. Introduction to quality control, preparation of filtrates, etc. Review of laboratory mathematics.

**281. CLINICAL EXPERIENCE I**

12 semester hours

Fall Semester only. Prerequisites: Medical Laboratory Technician 111, 112, 223, 225, 226, 321.

**282. CLINICAL EXPERIENCE II**

3 semester hours

Winter Term only. Prerequisite: Medical Laboratory Technician 281.

**283. CLINICAL EXPERIENCE III**

12 semester hours

Spring Semester only. Prerequisite: Medical Laboratory Technician 282.

**321. MICROBIOLOGY**

4 semester hours

A general survey of microorganisms with emphasis on bacteria, their cytophysiological characteristics and classification. Viruses, microbial diseases and immunity, and the role of microorganisms in human affairs are included. Laboratory work covers staining procedures, selective and differential media, pure culture techniques, and biochemical characterization of bacteria. Three class hours, one laboratory per week. Prerequisites: Biology 111-112, Chemistry 111, 112. (Medical Laboratory Technician 321 is the same as Biology 321.)

**322. CLINICAL MICROBIOLOGY**

1 semester hour

A study of the physiology and morphology of the clinically important bacteria, fungi and animal parasites of man. Methods of isolation, identification and safety techniques for the study of pathogenic microorganisms are covered. Prerequisite: Medical Laboratory Technician 321.

## Military Science

*Chairman, Professor:* Lt. Col. Jones

*Assistant Professor:* Cpt. Whittington

Elon College, in a cooperative agreement with North Carolina A & T State University, offers an Army Reserve Officers Training (ROTC) program.

The basic course in the ROTC is elective for all physically fit male and female freshmen and sophomores who are not less than 14 years of age. A student who

has served in the Armed Forces may receive appropriate credit in the basic course.

*Programs of Instruction:* Programs of instruction for the Army ROTC include a four-year program and a two-year program. The four-year program consists of a two-year basic course, a two-year advanced course and the advanced ROTC Summer Camp. The two-year program encompasses a basic ROTC Summer Camp, a two-year advanced course and the advanced ROTC Summer Camp.

*Basic Course:* The basic course is normally taken during the freshman and sophomore years. The purpose of this instruction is to introduce the student to basic military subjects: Branches of the Army; familiarization with basic weapons, equipment and techniques; military organization and functions; and the techniques of leadership and command. It is from the students who successfully complete this instruction that the best qualified are selected for the advanced course which leads to officer's commission.

*Advanced Course:* The advanced course is designed to produce officers for the Army of the United States. Admission to the advanced course is on a best qualified basis. Successful completion of the Advanced Course qualifies the student for a commission as Second Lieutenant in one of the branches of the United States Army.

*Two-Year Program:* This program is designed for junior college students or sophomores at four-year institutions who have not taken ROTC. A basic six-week summer training period after the sophomore year takes the place of the basic course required of students in the traditional four-year program. When a student with two years of college has successfully completed the basic summer training, he is eligible for the advanced ROTC course in his junior and senior years. The advanced course, which leads to an officer commission, is the same for students in either the four-year program or the two-year program.

#### **111. INTRODUCTION OF THE CITIZEN/SOLDIER**

**1 semester hour**

An introduction to the mission, organization, and history of ROTC; military and civilian obligation in relation to National Security; individual arms and marksmanship techniques; emergency medical treatment.

#### **112. INTRODUCTION TO UNITED STATES MILITARY FORCES IN SUPPORT OF NATIONAL DEFENSE**

**1 semester hour**

A discussion of the mission and responsibilities of the United States Military Forces in support of national security with emphasis on the role of the individual participating citizen.

#### **211. LEADERSHIP DEVELOPMENT AND BRANCHES OF THE ARMY**

**1 semester hour**

A study of the functions, duties and responsibilities of junior leaders with the development of leadership to be conducted through practical exercises. The job areas that are available to the Army ROTC graduate are presented.

#### **212. ORIENTEERING**

**1 semester hour**

A detailed study of orienteering to include basic fundamentals of map reading, grid systems, scale and distance, elevation and relief, military symbols, direction and location, and utilization of the declination diagram. Emphasis will also be placed on some selected enrichment subjects and evaluation of leadership development and a basic introduction on military term theory.

#### **311. INTRODUCTION TO MILITARY TEAM THEORY**

**2 semester hours**

Fundamentals of the offensive and defensive tactics. Introduction to small unit communication systems. Internal defense operations. The role of each branch of the Army.

**312. LEADERSHIP TRAINING****2 semester hours**

Special emphasis on the psychological, physiological and sociological factors which affect human behavior. Military teaching principles and how they affect the student. Presummer camp training.

**411. SEMINARS IN LEADERSHIP AND PROFESSIONAL DEVELOPMENT****2 semester hours**

The relationship between commander and staff; utilization and employment of military intelligence principles; introduction to unit management and administration, introduction to military law; seminar on service life and career planning for commissioned officers.

**412. ADVANCED MILITARY TEAM THEORY AND ACTIVE DUTY ORIENTATION****2 semester hours**

A study of world change and military implications. A detailed study of Army and special type units. Introduction to various Army installations within the United States and abroad.

**Music**

*Chairman, Department of Fine Arts:* Professor Westafer

*Professors:* Artley, Moore

*Associate Professors:* Bragg, J. White

*Assistant Professors:* Apperson, Cofield

*Instructor:* Glenn

A major in Music for the A.B. degree consists of Music 111, 112, 211, 212, 311, 312, 411, 412, and either 313 or 413, plus applied music, 8 semesters of ensemble (choir, band, orchestra), and concert attendance. Applied music requirements are met when the student has passed a proficiency test in his major performance area and has presented a formal solo recital approved by the music faculty. In addition to the degree, a diploma for outstanding performance may be earned in any area of applied music. This major should be elected by students having special interest in performance.

A major in General Music for the A.B. degree has the same courses, ensemble, and concert attendance requirements as the major in Music. A proficiency test in the major performing medium must be passed, but the presentation of a full recital is not required. This major should not be elected by students planning careers as performers or as teachers in the public schools. However, it is appropriate for students who desire to pursue graduate study in theory, composition, or musicology.

A minor in Music consists of Music 111, 112, 311 or 312, four semesters of ensemble (any combination of Music 101, 102, 103), and a minimum of eight semester hours credit in one area of concentration in applied music. Students lacking functional knowledge of the keyboard must accumulate two semester hours in piano either prior to, or simultaneously with, their enrollment in Music 111, 112.

Candidates for state certification for teaching in the public schools should enroll in the program leading to a B.S. degree in Music Education. Required for the degree are Music 111, 112, 211, 212, 311, 312, 313, 370, 371, 372, 375, 376, 413, and 472-473, plus applied music, 9 semesters of ensemble (at least 2 hours must be in band and/or orchestra and at least 2 in choir), and concert attendance. Applied music requirements are met when the student has passed a proficiency test and given a half-recital in his major performing medium and has met proficiency requirements in voice, piano, and other instruments. Additional

course requirements are Psychology 211, 321 and 341 and Education 211, 311 and 481.

Candidates for state certification who also meet requirements for the A.B. degree in Music are awarded the B.S. degree in Music and Music Education.

All students must appear in student recitals and musical programs at the discretion of their instructors.

Credit is granted for study in piano, voice, organ, and wind and string instruments. The general college student may, with the approval of his adviser, register for any courses offered in applied music.

<b>100. PERCUSSION</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>101. BAND</b>	<b>1 semester hour</b>
Marching unit in fall, concert unit in spring.	
<b>102. CHOIR</b>	<b>1 semester hour</b>
Mixed chorus open to all students in the College.	
<b>103. ORCHESTRA</b>	<b>1 semester hour</b>
Concert group open to all interested students and townspeople.	
<b>110. PERCUSSION CLASS</b>	<b>1 semester hour</b>
For non-music majors.	
<b>111, 112. THE MATERIALS OF MUSIC</b>	<b>4 semester hours each semester</b>
A study of diatonic harmony: written and keyboard work, ear training, music reading, and harmonic analysis. Introduction to musical form and composition. Laboratory hours devoted to melodic and harmonic dictation, application of harmonic theory to the keyboard, and analysis of selected compositions. 3 class hours, 3 laboratory hours.	
<b>120. WIND INSTRUMENT CLASS</b>	<b>1 semester hour</b>
Group instruction in the playing of woodwind or brass instruments.	
<b>121. FLUTE</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>122. OBOE</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>123. CLARINET</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>124. BASSOON</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>125. SAXOPHONE</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>126. TRUMPET</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>127. FRENCH HORN</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>128. TROMBONE</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>129. TUBA</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	

- 130. PIANO CLASS** 1 semester hour  
For non-music majors or music majors whose primary performance area is not piano.
- 131. PIANO** 1 or 2 semester hours  
Thirty or sixty minutes of private instruction each week.
- 140. ORGAN CLASS** 1 semester hour  
Group instruction in pipe organ.
- 141. ORGAN** 1 or 2 semester hours  
Thirty or sixty minutes of private instruction each week.
- 150. VOICE CLASS** 1 semester hour  
Group instruction in singing.
- 151. VOICE** 1 or 2 semester hours  
Thirty or sixty minutes of private instruction each week.
- 160. STRINGS CLASS** 1 semester hour  
Group instruction in the playing of stringed instruments.
- 161. VIOLIN** 1 or 2 semester hours  
Thirty or sixty minutes of private instruction each week.
- 162. VIOLA** 1 or 2 semester hours  
Thirty or sixty minutes of private instruction each week.
- 163. CELLO** 1 or 2 semester hours  
Thirty or sixty minutes of private instruction each week.
- 164. BASS** 1 or 2 semester hours  
Thirty or sixty minutes of private instruction each week.
- 211, 212. THE MATERIALS OF MUSIC** 4 semester hours each semester  
A continuation of Music 111, 112 but on a more advanced level emphasizing chromatic harmony.
- 272-273. MUSIC IN THE ELEMENTARY SCHOOL** 3 semester hours each semester  
A study for the prospective classroom teacher of musical activities and experience appropriate for children in the elementary school, with consideration of methods, materials, and curriculum problems. Stress on the contributions of music in general education to the social and cultural life of the individual and the community. Required of all elementary education majors in Early Childhood Education. A continuous course which must be completed for credit toward a degree.
- 311, 312. HISTORY OF MUSICAL STYLES AND STRUCTURES** 4 semester hours each semester  
A survey of the traditions, technical elements, and changing styles of western music from ancient Greece to the present, with emphasis on the place of music in the total culture. Laboratory periods for performance, listening, and detailed structural analysis of illustrative selections from music literature. 3 class hours, 3 laboratory hours.
- 313-314. CONDUCTING** 1 semester hour each semester  
Development of skill in baton techniques and strengthening of musicianship through interpretive analysis of scores, with special attention to intonation, balance, and phrasing. Time is provided for practical experience in rehearsal techniques by means of work with performing ensembles, both instrumental and choral.
- 370. PERCUSSION METHODS** 1 semester hour  
For students seeking state certification in music, with emphasis on teaching materials and methods.



**371. BRASS METHODS**

**1 semester hour**

For students seeking state certification in music, with emphasis on teaching materials and methods.

**372. WOODWIND METHODS**

**1 semester hour**

For students seeking state certification in music, with emphasis on teaching materials and methods.

**375. VOICE METHODS**

**1 semester hour**

For students seeking state certification in music, with emphasis on teaching materials and methods.

**376. STRINGS METHOD**

**1 semester hour**

For students seeking state certification in music, with emphasis on teaching materials and methods.

**381. PRACTICUM IN CHURCH MUSIC**

**1 semester hour**

A seminar for students engaged in, or planning to be engaged in, work in church music. Attention to practical problems encountered by the church musician. Observation of students in rehearsal and service situations.

**411. COUNTERPOINT I**

**2 semester hours**

Renaissance counterpoint in two, three, and four parts, with application to various types of vocal and instrumental writing. Analysis of polyphonic compositions.

**412. COUNTERPOINT II**

**2 semester hours**

Baroque counterpoint in two, three, and four parts, with application to various types of vocal and instrumental writing. Analysis of contrapuntal compositions.

**413. INSTRUMENTAL AND CHORAL ARRANGING**

**2 semester hours**

Exploration of the technical possibilities and limitations of individual instruments and voices. Arranging for various instrumental and vocal combinations. Proficiency in transcribing piano and orchestra scores for full band.

**471. SPECIAL TOPICS**

**1 to 3 semester hours**

Small group study under the guidance of a member of the department. Advance approval of area and method of study by the department is required.

**472-473. MUSIC EDUCATION IN THE PUBLIC SCHOOL**

**3 semester hours each semester**

A study of methods and materials suitable for the elementary grades, with emphasis on creative experiences for the child. An evaluation of techniques and materials for various types of musical activities and study at the junior and senior school levels. A continuous course which must be completed for credit toward a degree.

**491. DIRECTED STUDY**

**1 to 3 semester hours**

Individual study under the guidance of a member of the department. Advance approval of area and method of study by the department is required.

**571. INSTRUMENTAL METHODS FOR BAND DIRECTORS**

**2 semester hours**

Offered each summer in connection with the annual Elon College Music Festival for junior and senior high school students. Concentrated study in instrumental techniques and the performance of solo and ensemble music under the direction of nationally known technicians. Practical experience in the supervision of student groups. Enrollment limited to junior and senior high school band directors desiring certification renewal credit.

## Philosophy

*Chairman:* Associate Professor Sullivan

*Instructor:* Waller

A major in Philosophy requires Philosophy 111, 113, 115, two courses from Philosophy 241, 273, 341, 352, four courses from Philosophy 211, 212, 311,

321, 322; Psychology 211, and six semester hours in either French, Greek, German, or Spanish. Recommended electives include Sociology, Political Science, English, History and Fine Arts.

A minor in Philosophy consists of Philosophy 111, 113 and 115, plus nine semester hours of additional Philosophy courses.

**111. TOPICS IN PHILOSOPHY REFLECTION –  
AN INTRODUCTORY COURSE**

**3 semester hours**

Introduces student to the philosophical approach to an understanding of his world and the basic issues of human experience. Examines and formulates specific contemporary problems and analyzes them in terms of the concepts and approaches of such major philosophers as Plato, Aristotle, Aquinas, Locke, Hume, Kant, and Marx. Problems will be chosen to highlight the areas of ethics, legal and political thought, and religious philosophy. A major objective is to aid the student to develop an examined and coherent philosophy of life.

**113. LOGIC**

**3 semester hours**

A practical course in the art of thinking based upon an examination of the different types of reasoning and the requirements of logical consistency. What is the nature of inference and evidence? — How do various disciplines employ logic? — Exercises are given in the application of logical analysis to various kinds of argumentative discourse and to the avoidance of fallacies.

**115. ETHICS**

**3 semester hours**

A critical study of the principles of morality based upon the classical system of ethics. Application of these principles to specific situations in which moral choices are made by individuals and policy-making bodies. Attention is given to helping the individual student develop an effective personal philosophy of value judgments.

**211. THE FOUNDATIONS OF WESTERN PHILOSOPHY –  
GREEK AND ROMAN THOUGHT**

**3 semester hours**

A study of the beginnings of Western philosophy among the early Greeks, the development of Greek science and mathematics. An examination of the early concepts of education, morality and political science as they are set forth in the writings of Plato, Aristotle and Epicurus.

**212. HISTORY OF WESTERN PHILOSOPHY FROM THE  
EARLY CHRISTIAN ERA TO THE RENAISSANCE**

**3 semester hours**

A study of the development of Christian thought as expressed by the early Apologists, the patristic theologians, St. Augustine and the scholastics. Special attention is given to the factors which contributed to the Reformation, the Renaissance and the rise of modern science.

**241. PHILOSOPHY AND SOCIETY**

**3 semester hours**

A philosophical approach to the nature of society, looking toward the 21st Century. Attention is given to the nature of the person; the relation of the person to social institutions; and the problems which arise in scientific methods when man himself is the object of investigation.

**271. SEMINAR**

**1-3 semester hours**

**272. AGES AND STAGES OF LIFE**

**3 semester hours**

A philosophical exploration of the turning points of a life; childhood and the problem of innocence; youth and the struggle with sexuality and identity; adulthood, career, and the concept of limits; age and the response to death. The course uses the tools of existential analysis to examine biography and the life crises, drawing on both recent developmental theories and the resources of the philosophical tradition.

**273. PHILOSOPHICAL PROBLEMS OF RELIGION**

**3 semester hours**

A discussion of the basic problems of thought which arise from confronting the beliefs and experiences of religious persons. What are the distinguishing characteristics of religion? — Can religious feelings and insights be expressed in common language? — By what criteria can

conflicting religious beliefs be judged? — Of what value are the classical arguments for the existence of God? — What support is there for the belief in immortality? (Philosophy 273 is the same as Religion 273.)

**311. HISTORY OF WESTERN PHILOSOPHY —  
FROM THE RENAISSANCE TO 1930**

**3 semester hours**

The particular nature, genius and methods of modern philosophy are examined. Emphasis is placed upon the emergence and development of modern concepts of science and technology, the state and social morality. The literary works of Bacon, Descartes, Spinoza, Hobbes, Locke, Hume and the American thinkers, James, Dewey and Whitehead provide much of the resource material for discussion.

**321. CONTEMPORARY PHILOSOPHY**

**3 semester hours**

A course designed to acquaint students with currents of philosophical thought in the Twentieth Century and to develop the skills of inquiry appropriate to these areas. The course will consider: a. The Breakdown of Metaphysics and the Rise of Linguistic Analysis (The Vienna Circle, Russell, Wittgenstein and Ayer) b. Existentialism and its impact on Social and Political Thought (Sartre, Camus, Marcuse) c. Existentialism and its impact on Psychological and Cultural Thought (Buber, Jaspers, May, Peris).

**322. AMERICAN PHILOSOPHY**

**3 semester hours**

An examination of the development of the American mentality from the colonial period to the present. Special attention is given to Edwards, Emerson, Dewey and Skinner as representative figures in the development of American culture. The course is of special interest to students of literature and history.

**341. PHILOSOPHY OF LAW**

**3 semester hours**

A basic examination of the nature, function and limits of law. Attention is given to: human rights and natural justice, law and morality, theories of punishment, and questions of legal responsibility. The course is of particular interest of students of business and political science.

**352. EASTERN SYSTEMS OF PHILOSOPHY**

**3 semester hours**

A course designed to examine and interpret the classical systems of thought which have issued from the people of the Near East, Asia, and Japan. Special emphasis is placed upon the historical, economic and social conditions from which these philosophies emerged. Attention is given to the importance of these systems for people in the West. Why and how do these philosophies differ from the philosophical systems of the West.

**471. SELECTED PHILOSOPHICAL STUDIES**

**3 semester hours**

An in-depth investigation of the philosophical foundations of a selected discipline or of special problematics having philosophical implications.

**491. INDEPENDENT STUDY**

**3 semester hours**

## Physical Education and Health

*Chairman:* Professor A. White

*Associate Professor:* Kelly

*Assistant Professors:* Beedle, Brown, Jackson, Johnson, Miller, Morningstar, Tolley, Yarborough

*Instructors:* Ballard, M. Carden, Ferguson, Gaskill

A major in Physical Education consists of Physical Education 120, 161-162, 211, 221, 261-262, 310, 321, 360, 363, 365, 410, 411, 422; two courses from Physical Education 372, 373, 374, 377, 378; Biology 111-112, 261-262.

Students seeking teacher certification in Physical Education must also take Psychology 211, 321, 331, 341; Education 211, 311, 322, 471, 472e, 481; and at least 3 semester hours of Mathematics.

Additional requirements: (1) Each Physical Education major must purchase a regulation Physical Education uniform for use in all professional preparation courses. (2) Each Physical Education major must participate in two semesters of intramural or intercollegiate athletics.

A minor in Physical Education with a coaching concentration consists of Physical Education 211, 221, 310, 410; two courses from Physical Education 372, 373, 374, 377, 378; and Physical Education 471 (Seminar in Athletic Coaching) — two semester hours. A minor with a Physical Education concentration consists of Physical Education 162, 211, 221, 261 or 262, 360 or 365, 410, 411.

#### **100. TENNIS AND BADMINTON**

**1 semester hour**

Progressional development of the skills and strategies involved in the games of tennis and badminton. Rules, safety factors and etiquette are also stressed.

#### **101. HANDBALL AND RACQUETBALL**

**1 semester hour**

Progressional development of skills and strategies involved in the games of handball and racquetball. Rules, safety factors and etiquette are also stressed.

#### **102. ELEMENTARY GYMNASTICS**

**1 semester hour**

Progressional development of the basic skills in the areas of apparatus, floor exercise and tumbling.

#### **103. DANCE: FOLK, SQUARE, SOCIAL & CREATIVE**

**1 semester hour**

Study and participation in a wide variety of folk and square dances and the fundamentals of modern and social dancing.

#### **104. MODERN DANCE**

**1 semester hour**

Study and participation in various modern dance techniques and styles as well as a study of the history, the choreography and outstanding modern dance personalities.

#### **105. GOLF AND ARCHERY**

**1 semester hour**

Progressional development of skills and strategies in the sports of golf and archery. Laboratory fee \$10.00.

#### **106. BEGINNING SWIMMING**

**1 semester hour**

The learning sequence is mental and physical adjustment to the water; buoyancy and body position; coordinating strokes pertaining to methods of finning, sculling, treading water; elementary and resting back stroke, back crawl and front crawl, water entries, personal safety, survival floating, underwater swimming, elementary forms of rescue, introduction to masks, fins, snorkel and resuscitation.

#### **107. INTERMEDIATE TO ADVANCED SWIMMING**

**1 semester hour**

Review of basic swimming strokes, introduction of advanced strokes, survival swimming and basic spring-board diving. Recommended to persons who plan to attain their senior life saving and water safety instructor's certificates.

#### **108. SENIOR LIFESAVING AND SURVIVAL SWIMMING**

**1 semester hour**

The course is designed to cover the areas of advanced swimming and life saving, with emphasis placed on personal safety around water. Prerequisite: Be able to do the front crawl, side stroke and breast stroke or have passed P.E. 106 or 107 with a C or better.

#### **109. OVERLOAD CONDITIONING**

**1 semester hour**

Progressional development of physiological fitness designed to meet the needs of the individual student.

#### **110. SNOW SKIING — BEGINNER TO ADVANCED**

**1-4 semester hours**

An introduction to snow skiing which permits the student to advance at his own rate. All work conducted at ski site. Offered during Christmas holidays (1 hour credit), and Winter

Term (3 hours credit) only. Extra fees required. (For details, consult Physical Education Department Staff.)

**120. CONTEMPORARY HEALTH PROBLEMS AND  
PROCEDURES OF PRESENTATION**

**3 semester hours**

A study of contemporary health problems and issues. Topics for discussion include mental health, drug and alcohol abuse, human sexuality, physical fitness, nutrition, and major diseases. Includes methods of presentation of selected topics appropriate for public school students.

**161-162. LIFETIME SPORTS SKILLS LABORATORY**

**2 semester hours each semester**

Methods, materials, techniques and skills in teaching lifetime sports skills. Includes golf, archery, tennis, badminton, gymnastics, aquatics. Majors and minors only. Laboratory fee \$10.00 for PE 161.

**208. WATER SAFETY INSTRUCTORS COURSE**

**2 semester hours**

This course is designed to enable a student to become an expert on swimming and life saving skills. WSI certification may be awarded. Recommended only for persons who have previously mastered senior lifesaving skills.

**209. SKIN AND BASIC S.C.U.B.A. DIVING**

**2 semester hours**

The course is designed to cover basic skin diving; laws of physics pertaining to the following: temperature, buoyance, humidity, vision, acoustics, gas laws, direct and indirect effects of pressure; marine life and environment; medical aspects of diving; first aid; S.C.U.B.A. mechanics; how to read the decompression table; how to plan a S.C.U.B.A. dive. Awards: YMCA basic S.C.U.B.A. certification. Prerequisites: 15 years of age, pass a swim test, medical exam and payment of \$60.00 before the S.C.U.B.A. work begins.

**211. HISTORY AND PRINCIPLES OF HEALTH AND  
PHYSICAL EDUCATION**

**3 semester hours**

An introductory study in the history of health education and physical education; philosophical, psychological, physiological, and sociological background for the teaching of health and physical education; basis for programs and organization of activities.

**220. FIRST AID (Non-Majors Only)**

**3 semester hours**

Emphasis placed upon the use of the Red Cross method of First Aid and CPR training. Opportunities to do practical skill and teaching to members of the student's own group. Laboratory fee \$5.00.

**221. SPORTS MEDICINE/FIRST AID (Majors Only)**

**3 semester hours**

Emphasis is placed on the prevention and treatment of athletic injuries in various sports. Basic physiological and anatomical functions of the athlete are discussed. Basic first aid and CPR training are offered. Laboratory fee \$5.00.

**260. SAFE DRIVING**

**3 semester hours**

The principles of teaching basic driving skills, including defensive driving, observation and interpretation of motor vehicle laws, adverse driving conditions, and care and use of the automobile. Classroom instruction and in-car instruction. Laboratory fee \$10.00.

**261-262. TEAM SPORTS SKILLS LABORATORY**

**2 semester hours each semester**

Methods, materials, techniques and skills in teaching team sports. Includes soccer, field hockey, volleyball, basketball, softball, and track and field. Majors and minors only.

**270. OFFICIATING**

**2 semester hours**

Designed to provide a thorough study of rules and mechanics of sport officiating. Practical experience in officiating may be provided in the area of the sports selected at the community and little leagues, junior high, and junior varsity levels.

**310. PRINCIPLES, PROBLEMS, AND PHILOSOPHY OF  
COACHING ATHLETICS**

**3 semester hours**

Emphasis placed upon qualities of the coach, influencing and controlling behavior in athletics, vital relationships within the school and community, organization and planning for



practice, training rules and how to enforce them, motivation and coaching ethics. Includes special study of contemporary, controversial athletic issues.

**321. KINESIOLOGY/ADAPTIVE PHYSICAL EDUCATION 3 semester hours**

The study of the musculo-skeletal system as it relates to physical and sports skills. Emphasis is also placed on the mechanical analysis of motor skills. The second half of the course deals with the role of physical education on the handicapped. Prerequisite: Biology 261.

**360. METHODS AND MATERIALS OF EARLY CHILDHOOD PHYSICAL EDUCATION (K-3) 3 semester hours**

Designed for early childhood teachers. Emphasis placed on movement education and basic skills teaching with opportunity for laboratory experience.

**361. METHODS AND MATERIALS OF INTERMEDIATE SCHOOL PHYSICAL EDUCATION (4-9) 3 semester hours**

Designed for intermediate teachers of Health and Physical Education. Various teaching methods, including a movement approach, for teaching basic skills and specific sports skills are explored. Opportunity is given for laboratory experience.

**363. METHODS AND MATERIALS OF GYMNASTICS 2 semester hours**

A study of gymnastics' teaching methods for the secondary and elementary school levels. Skill development, teaching techniques, and safety procedures are emphasized. Prerequisite: Physical Education major or P.E. 102 and permission of the instructor.

**365. METHODS AND MATERIALS OF RHYTHMS 3 semester hours**

Fundamental movements, basic rhythmic techniques, and basic dance steps. Includes folk dance, social dance, square dance, and creative dance, with emphasis on teaching methodology at the elementary and secondary school levels.

**372. METHODS OF COACHING FOOTBALL 2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching football.

**373. METHODS OF COACHING BASKETBALL 2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching basketball.

**374. METHODS OF COACHING TRACK AND FIELD AND BASEBALL 2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching track and field and baseball.

**377. METHODS OF COACHING WRESTLING AND SOCCER 2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching wrestling and soccer.

**378. METHODS OF COACHING FIELD HOCKEY AND VOLLEYBALL 2 semester hours**

A study of appropriate terms, drills, methods and strategy for coaching field hockey and volleyball.

**410. ORGANIZATION AND ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION AND ATHLETICS 3 semester hours**

A study of appropriate organizational and administrative techniques needed to design and implement programs of physical education, health, intramurals, and athletics in schools and colleges.

**411. TESTS AND MEASUREMENTS IN HEALTH AND PHYSICAL EDUCATION 3 semester hours**

Includes techniques of the administration of basic motor ability tests, skill tests, and tests of associated and concomitant learnings in physical education and means of utilizing test data for specified purposes.

**422. PHYSIOLOGY OF EXERCISE****3 semester hours**

The study of the effects of exercise on the body. Included are the effects of various types of exercise training programs and the evaluation of physiological fitness. Laboratory activities include determination of reaction time, anthropometric size, ergonomic and  $VO_2$  maximum consumption techniques. Prerequisites: Biology 261-262.

**471. SEMINAR****1-3 semester hours**

Topics selected to meet the needs and interests of students. Open to all Physical Education majors or by permission of the Physical Education Department.

**481. INTERNSHIP IN PHYSICAL EDUCATION****1-6 semester hours**

This course is designed to give the student practical experience in Physical Education, Athletics or Recreation.

**491. INDEPENDENT STUDY****1-3 semester hours**

Topic to be selected to meet the needs and interest of the student. Open to all Physical Education majors or by permission of the Physical Education Department.

## Physics

*Chairman, Department of Physical Sciences: Associate Professor Mullen*

*Associate Professor: Harris*

A major in Physics requires Physics 111, 112, 211, 212, 311, 312, 411, 422; Mathematics 121, 221, 222, 421; Chemistry 111, 112. Students planning to attend graduate school should take Physics 412, 471 and Mathematics 311, 321, 425, 426. Students planning to teach in high school should take Biology 111-112 in addition to required courses.

A minor in Physics consists of Physics 111, 112, 201, and three courses chosen from Physics 211, 212, 311 and 312.

**101. BASIC CONCEPTS OF PHYSICS****4 semester hours**

A course designed to meet partially the general requirement of the College. Topics from mechanics, thermodynamics, electricity and magnetism, wave motion, and atomic structure. Lecture and laboratory. No credit given to students having prior credit for Physics 111.

**102. FUNDAMENTALS OF ASTRONOMY****3 semester hours**

A basic course designed to acquaint the non-science major with the many aspects and triumphs of astronomy as a modern science. Special emphasis on contemporary achievements. Lectures, laboratories and trips to nearby facilities. Prerequisite: Physics 101 or permission of instructor. Winter term only.

**103. FUNDAMENTALS OF PHOTOGRAPHY****3 semester hours**

A basic course providing an introduction to black and white photography. Topics include use of the adjustable 35 mm single-lens reflex camera, film processing, projection printing, and preparation of the finished mounted print. 2 class hours and 2 laboratory hours per week.

**111, 112. GENERAL PHYSICS****4 semester hours each semester**

An introductory course including topics from mechanics, thermodynamics, electricity, magnetism, optics, atomic and nuclear physics. 3 lectures and 1 laboratory session per week. Corequisite: Mathematics 112.

**201. FUNDAMENTALS OF ELECTRONIC INSTRUMENTATION****3 semester hours**

A survey of the fundamentals of electronic instrumentation designed primarily for science majors. Emphasis is on the operational aspects of electronics including basic circuit theory, devices and components, power supplies, amplifiers and hands-on experience with a variety of electronic measuring instruments. 2 class hours, 2 laboratory hours. Prerequisites: Physics 111, 112 or permission of instructor.

**211, 212. MECHANICS AND HEAT****3 semester hours each semester**

An introduction to classical mechanics and thermodynamics. Topics to include kinematics, Newton's Laws of motion, harmonic motion, central forces, rigid body motion, and the First and Second Laws of thermodynamics. Prerequisites: Physics 111, 112. Corequisite: Mathematics 121.

**260. A SURVEY OF THE PHYSICAL SCIENCES FOR  
ELEMENTARY EDUCATION MAJORS****4 semester hours**

A survey of the physical sciences. Laboratory work includes experiments of a basic nature as well as techniques of presenting classroom demonstrations. 3 class hours, 3 laboratory hours. For Elementary Education majors only. (Physics 260 is the same as Chemistry 260.)

**311, 312. ELECTROMAGNETISM AND OPTICS****3 semester hours each semester**

Fundamental concepts of electromagnetics. Electric and magnetic fields; Maxwell's equations; electromagnetic radiation; and geometrical and physical optics are topics to be included. Prerequisites: Physics 111, 112. Corequisite: Mathematics 121.

**391. INDEPENDENT STUDY****1 or 2 semester hours each semester**

Library and/or laboratory research by the individual student. Open to students at all levels. Prerequisite: permission of Physics staff. Maximum total credit, 8 semester hours.

**411, 412. MODERN PHYSICS****3 semester hours each semester**

First semester to include early quantum theory and special relativity, statistical mechanics, atomic and nuclear physics. Second semester devoted to quantum mechanics and applications to atomic and nuclear systems. Prerequisites: Physics 111, 112. Corequisite: Mathematics 222.

**421, 422. ADVANCED LABORATORY****1 semester hour each semester**

Experiments in mechanics, thermal physics, electromagnetics, optics and atomic and nuclear physics designed to demonstrate physical phenomena, introduce research techniques, and provide training in the careful measurement of physical quantities. 3 laboratory hours per week. Senior physics majors only.

**471. SEMINAR****3 semester hours**

Advanced topics selected to meet the needs and interests of the students. Admission by permission of the department.

## Political Science

*Chairman, Department of Social Sciences:* Associate Professor Watts

*Associate Professors:* Baxter, W. Long

*Assistant Professor:* Zarzar

A major in Political Science requires Political Science 111, 112, 231, 232, 350, one seminar, plus 15 additional semester hours in Political Science. In addition, a major must have History 211, 212, and 6 semester hours in one of the Social Sciences disciplines selected from the following groups of courses: History 111, 112; Economics 211, 212; Geography (any 300 or 400 level courses); or Sociology 111, 112, 211.

A minor in Political Science consists of Political Science 111, 112, 231, plus nine additional semester hours of Political Science courses. Students electing to minor in Political Science should consider concentration of the nine elective semester hours from one of the following areas: International Studies (P.S. 241, 331, 332, 341, 342, 345); Political Theory (P.S. 251, 350, 351); Government and Politics (P.S. 231, 232, 251, 261, 331, 332, 371, 381, 471).

**101. PARLIAMENTARY PROCEDURE****1 semester hour**

A study of the rules which govern the proceedings of the deliberative assemblies, correlated with practice in the use of these rules. Emphasis on the practical application of parliamentary procedure in the conduct of meetings.

**111, 112. INTRODUCTION TO POLITICAL SCIENCE****3 semester hours each semester**

A general introduction to the basic concepts of politics and to the nature and functions of political systems and institutions both public and private. The approach utilized in this course is descriptive, analytical, evaluative and prescriptive.

**231. NATIONAL GOVERNMENT IN THE UNITED STATES****3 semester hours**

A study of the structure and functioning of the national government, including its constitutional basis; the system of separation of powers, checks and balances, operation of the executive, legislative, and judicial branches. An analysis of basic problems related to the system of federal government.

**232. STATE AND LOCAL GOVERNMENT IN THE UNITED STATES****3 semester hours**

A study of the structure and functioning of the state and local government and its role within the federal system. The organization, functions, powers and methods of the state, county, and municipal government, and the role of the individual citizen.

**241. INTERNATIONAL RELATIONS****3 semester hours**

A study of analysis of the basic factors which determine international politics and relations among the nations including the practice of diplomacy, the development of the nation-state system, international law, and international cooperation and organization.

**251. POLITICAL SOCIALIZATION****3 semester hours**

Ar. examination of the processes by which predominant values, norms and beliefs are transmitted from one generation to the next. Special attention is given to the agents and functions of political socialization. A comparative approach is utilized with emphasis on the phenomenon as it pertains to the United States.

**261. INTRODUCTION TO PUBLIC ADMINISTRATION****3 semester hours**

A study of the basic principles of organization, location of authority, fiscal management, personnel management, and forms of administrative action in the public service.

**331. EUROPEAN GOVERNMENTS****3 semester hours**

A study of major European governments from both the structural and the functional viewpoints. An analysis of the British parliamentary system and examination of French, German, and Soviet Union's political institutions and ideological patterns.

**332. POLITICS AND GOVERNMENTS OF THE MIDDLE EAST****3 semester hours**

This course attempts a synthesizing review of the most significant forces and problems affecting contemporary politics and governments of the Middle East. It emphasizes the contrasts between democratic and authoritarian forms of governments. A structural-functional analysis is utilized. Offered alternate years.

**341. UNITED STATES FOREIGN POLICY TO 1939****3 semester hours**

Diplomatic history of the United States from the Revolution to the outbreak of World War II. Emphasis is on the political and constitutional influences on United States foreign relations and the evolution of major policies. Prerequisites: History 211, 212. Offered alternate years. (Political Science 341 is the same as History 341.)

**342. UNITED STATES FOREIGN POLICY SINCE 1939****3 semester hours**

A study of the foreign relations, foreign policy, and international politics of the United States since 1939. Examines the United States in the international arena as a world power. Prerequisites: History 211, 212, and Political Science 231; or permission of the instructor. (Political Science 342 is the same as History 342.)

**345. DIPLOMATIC PRACTICES****3 semester hours**

Knowledge and practical experience of the observational, analytical and decision-making skills associated with the formulation and practice of diplomacy. Readings, film strips, role

playing, lectures, and classroom simulations are used to provide variety in instructional techniques. Enrollment limited to junior and senior political science, history or social sciences majors, or with prior approval of instructor. Winter term only.

### **350. INTRODUCTION TO POLITICAL THEORY**

**3 semester hours**

A study of the major concepts and systems of political theory and ideology from classical antiquity to the present. A survey and analysis of the major developments in political thought and ideas which contributed to the evolution of modern government in both its democratic and authoritarian forms. Prerequisites: Political Science 111 or 112 or permission of instructor.

### **351. MODERN POLITICAL THOUGHT**

**3 semester hours**

A study and analysis of the major political concepts and ideas, including the great issues of politics from the 19th century to the present day, using both behavioral and non-behavioral methodological approaches. Prerequisites: Political Science 111 or 112 or by permission of instructor.

### **361. ADMINISTRATION OF PUBLIC POLICIES**

**3 semester hours**

A study of policymaking and the implementation of policies in government, with emphasis on the role of the bureaucracy in this process. Prerequisite: Political Science 261.

### **370. ADVANCED STUDY OF POLITICAL SCIENCE**

**1-3 semester hours**

A specialized study by small groups or those participating in travel programs for credit in Political Science. Does not fill major seminar requirements. May be repeated for credit.

### **371. THE PRESIDENT, CONGRESS AND PUBLIC POLICY**

**3 semester hours**

A seminar which investigates the formulation and implementation of public policy in the United States, with emphasis on the roles of the President, Congress, and the public in the policy process. Prerequisite: Political Science 231. Offered alternate years.

### **380. INTERNSHIP IN POLITICAL SCIENCE**

**3 semester hours**

Designed to meet the needs of the student in gaining practical experience in his field. Pre-law students may use this course in working in the office of an attorney, or work may be undertaken in local, state, or federal government. Normally arranged on an individual basis with an instructor in Political Science.

### **420. WORKSHOP IN POLITICS**

**3 semester hours**

Personal experience in the political system of the U.S. is gained through active participation in a political campaign. Each student is required to work as an intern for a candidate or political party of his own choosing during the campaign. Regular seminars are held to exchange views and compare election and electioneering theory with the student's experiences. Normally offered during the fall semester of election years.

### **461. PROBLEMS AND ISSUES IN PUBLIC ADMINISTRATION**

**3 semester hours**

A study of major current problems and issues in public policy-making and administration, including crime, energy, equality, ethics in government, inflation, poverty, and protection of the environment. Prerequisite: Political Science 261.

### **470. SEMINAR IN POLITICAL SCIENCE**

**3 semester hours**

An advanced study and intensive research in selected topics of Political Science related to the preparation, needs, and special interests of the majors. Open only to juniors, seniors majoring in History or Political Science or with permission of instructor.

### **471. THE AMERICAN PARTY SYSTEM**

**3 semester hours**

A seminar on the roles of political parties in the system and process of government in the United States. Prerequisite: Political Science 231. Offered alternate years.

### **491. INDEPENDENT STUDY**

**3 semester hours**

Advanced study, on a topic chosen by the student, under the supervision of an instructor. Admission by permission of the department.



## Psychology

*Chairman, Department of Education and Psychology:* Assistant Professor P. Williams

*Assistant Professors:* Granowsky, Higgs, Looney

### 211. GENERAL PSYCHOLOGY

3 semester hours

An overview of the facts and principles of human development, learning, motivation, intelligence, personality, abnormal reactions, and social interaction.

### 321. EDUCATIONAL PSYCHOLOGY

3 semester hours

Psychological principles involved in the process of teaching and learning; the nature of intelligence; motivation, individual differences, and emotional influences; the evaluation of learning. Prerequisite: Psychology 211.

### 331. PSYCHOLOGY OF CHILDHOOD

3 semester hours

The general principles of growth and development of the child through adolescence, emphasis upon the intellectual, physical, emotional and social development of the child through elementary school age. Prerequisite: Psychology 211.

### 332. PSYCHOLOGY OF EXCEPTIONALITY

3 semester hours

The study of the origins, symptoms and sequences of development of exceptional children who are emotionally, physically or mentally handicapped and those who are gifted and talented. Prerequisite: Psychology 211.

### 341. PSYCHOLOGY OF ADOLESCENCE

3 semester hours

The general principles of growth and development of the child through adolescence; emphasis upon intellectual, physical, and emotional changes during adolescence and the interrelation of all aspects of the child's development; adjustment problems in the development of the individual personality. Prerequisite: Psychology 211. Open only to senior secondary education and Human Service majors. Scheduled in conjunction with student teaching.

### 471. SEMINAR: SPECIAL TOPICS

1-3 semester hours

## Radiologic Technology

*Chairman:* Associate Professor Rao

The requirements for the Bachelor of Applied Science in Radiologic Technology consist of (1) completion of a 24-month, A.M.A. approved program in Radiologic Technology; (2) certification by the American Registry of Radiologic Technologists (ARRT); (3) completion of the general education distribution requirements; (4) one full academic year of study at Elon; and (5) completion of the following specific course requirements: Biology 111-112, Chemistry 111, 112, Communications 210, Economics 211, Mathematics 111, Physics 101, Psychology 211 and 321, plus a minimum of three semester hours of electives. The student has the option of completing the clinical phase of the program either before or after completion of the course requirements at Elon. If the program is initiated at Elon, the College will provide assistance for the student in locating and gaining admission to an approved clinical program.

## Religion

*Chairman:* Assistant Professor Pace

*Associate Professor:* C. White

*Assistant Professors:* Chase, Rich

*Instructor:* Willson

A major in Religion consists of Religion 111, 112, 252 plus 27 semester hours of Religion courses beyond the 100 level; Philosophy 111 and 211; Psychology

211; Sociology 111. Greek 111-112 are recommended for all Religion majors, and Greek 211, 212 may be substituted for Religion courses with departmental approval.

A minor in Religion consists of Religion 111, 112, 252 plus 9 semester hours of Religion courses beyond the 100 level.

**105. INTRODUCTION TO RELIGIOUS THOUGHT**

**3 semester hours**

An introduction to the study of religion including religion and society and the diversity in religion. Open to freshmen and sophomore students only. No credit toward the Religion major or minor.

**111. SURVEY OF THE OLD TESTAMENT**

**3 semester hours**

The development of the Hebrew people by way of their history, literature, and religion as viewed against the background of ancient Near Eastern culture and modern archaeological discoveries.

**112. SURVEY OF THE NEW TESTAMENT**

**3 semester hours**

The rise and development of Christianity and its literature; special attention is given to the canonical books of the New Testament.

**211. THE INTERTESTAMENTAL PERIOD**

**3 semester hours**

The historical situation and environment from which early Christianity emerged; developments in Hellenism and Judaism; the period of the Maccabees; religious ideas and institutions of the pre-Christian era.

**221. ARCHAEOLOGY OF THE ANCIENT NEAR EAST**

**3 semester hours**

A survey of major archaeological research as it relates to the Near East, with particular emphasis on Egypt, Palestine and Mesopotamia. Attention is given to methods of archaeology, prominent excavations, and significant artifacts.

**252. THE RELIGIONS OF MANKIND**

**3 semester hours**

The origin, progress, and current status of the major living religions of the world.

**271. SEMINAR**

**1-3 semester hours**

**272. MODERN RELIGIOUS THINKERS**

**1 semester hour**

The study of a major theologian or theological movement with primary emphasis given to twentieth century figures, such as Barth, Bultmann, the Niebuhrs, Tillich, Bonhoeffer, Cox, Reuther, Pannenberg, Moltmann, and Kung. Each emphasis area may be taken for separate credit.

**273. PHILOSOPHICAL PROBLEMS OF RELIGION**

**3 semester hours**

A discussion of the basic problems of thought which arise from confronting the beliefs and experiences of religious persons. What are the distinguishing characteristics of religion? — Can religious feelings and insights be expressed in common language? — By what criteria can conflicting religious beliefs be judged? — Of what value are the classical arguments for the existence of God? — What support is there for the belief in immortality? (Religion 273 is the same as Philosophy 273.)

**322. OLD TESTAMENT PROPHETS**

**3 semester hours**

A study of the background, personal characteristics, function, message, and present significance of the Hebrew prophets. Prerequisite: Religion 111.

**326. THE WRITINGS OF PAUL**

**3 semester hours**

An analysis of major motifs in Paul's theology by means of an interpretation of his New Testament writings. Prerequisite: Religion 111 or 112.

**327. THE GOSPEL OF JOHN**

**3 semester hours**

A study of the key motifs in the theology of the Gospel of John. Special emphasis on the Gospel as a literary, narrative unit — on the sources, the various stages of composition, and the literary and rhetorical characteristics. Prerequisite: Religion 111 or 112.

- 331. CHRISTIANITY TO THE REFORMATION** **3 semester hours**  
 The history of the Christian Church beginning with the expansion of the Church both East and West and including the changes that came about in the Church by way of great Christian thinkers as well as by historical and geographical developments. Prerequisites: Religion 111 and 112. Offered alternate years.
- 332. CHRISTIANITY SINCE THE REFORMATION** **3 semester hours**  
 A survey of the key events and figures in the development of the Christian Church and its doctrines from the Reformation through the seventeenth century. Prerequisites: Religion 111 and 112; Religion 331 or its equivalent. Offered alternate years.
- 333. THE DEVELOPMENT OF AMERICAN PROTESTANTISM** **3 semester hours**  
 A study of the establishment of Protestantism as a basic religion in America with particular emphasis upon the influence of Puritans and Anglicans. The relationship of Church and State is delineated and interpreted. Prerequisites: Religion 111 and 112. Offered alternate years.
- 334. CONTEMPORARY RELIGIOUS THOUGHT IN AMERICA** **3 semester hours**  
 An examination of present-day movements in America. Students are required to examine contributions of representative theologians of the twentieth century. Open to students who have taken Religion 333 or who have received permission from the instructor. Offered alternate years.
- 341. CHRISTIAN ETHICS AND HUMAN DECISIONS** **3 semester hours**  
 A systematic study of Christian ethics, with attention to the nature of morality, the principles of Christian ethics, and human responsibility for making decisions in the context of contemporary society. Prerequisite: Religion 111 or 112.
- 345. THEOLOGY OF HUMAN LIBERATION** **3 semester hours**  
 Analysis of contemporary types of liberation theology such as third-world liberation, Black liberation, and women's liberation through a study of significant representative writings. Particular attention will be paid to the ultimate goal of human liberation which lies beyond individual representative types.
- 460. LITERATURE AND THEOLOGY** **3 semester hours**  
 A study focusing on the relationship between the literary and theological disciplines with special attention to critical essays in this field and with discussion of contemporary literature illustrative of various approaches to religious questions. Prerequisites: English 111, 112. (Religion 460 is the same as English 460.)
- 471. SEMINAR** **1-3 semester hours**  
 Small group study of selected topics or themes in religion. Open only to Religion majors or minors who have Junior or Senior standing or by special permission of the instructor. Prerequisites: Religion 111 and 112. Maximum of 6 semester hours per student.
- 491. INDEPENDENT STUDY** **1-3 semester hours**  
 Individual study of some area of special interest under the guidance of a member of the department. Open only to Religion majors or minors who have Junior or Senior standing or by special permission of the instructor. Prerequisites: Religion 111 and 112. Maximum of 6 semester hours per student.

## Social Science

*Chairman:* Associate Professor Watts

*Professors:* Anderson, Delp, Moncure

*Associate Professors:* Long, G. Troxler

*Assistant Professors:* Cates, Crowe, Henricks, R. Holt, McBee, C. Troxler

A major in Social Science requires Economics 211, 212; History 111, 112; Political Science 231, 232; Geography 131; Geography 311 or 321; Sociology 111, 112; plus 12 additional semester hours in one of the following: Economics,

History, Political Science, Geography, Sociology.

Social Science majors receiving teacher certification must complete History 211, 212 in addition to the required professional reeducation courses. (History 211, 212 may be used in partial fulfillment of the required 12 semester hours in one of the Social Sciences.) The following courses are recommended electives for Social Science majors receiving teacher certification: Communications 210; Fine Arts 211; and Religion 111, 112.

### **201. NON-WESTERN NATIONS**

**3 semester hours**

An interdisciplinary study of the history, politics, geography, and social forms of selected non-western nations.

### **203. PRACTICUM IN RESIDENCE LIFE**

**1 or 2 semester hours**

A study-practical experience course designed to develop competency in interpersonal relations, to present the residence hall as a community, to gain an understanding of personal and community problems, and to study change and its influence upon persons and structures. Open to all students and required of all Resident Counselors. Those completing all reading assignments, training sessions, work projects, and a journal will receive a letter grade and two semester hours of credit; those participating in all training sessions and work projects will receive a passing or failing grade and one semester hour of credit.

## **Sociology**

*Chairman, Department of Social Sciences:* Associate Professor Watts

*Assistant Professors:* Henricks, McBee

*Instructor:* Bowden

A minor in Sociology consists of Sociology 111, 211, plus 12 semester hours selected from Sociology 112, 311, 313, History 343, Political Science 251, and Philosophy 241.

### **111. INTRODUCTORY SOCIOLOGY**

**3 semester hours**

An introduction to the basic theoretical principles and research methods distinctive of modern sociology. Among the issues considered are the relationship between culture, personality, and society; the fundamental forms of social structure; social institutions, such as religion and the family; and basic social processes, such as deviance and social change.

### **112. ANTHROPOLOGY**

**3 semester hours**

An exploration of the meaning of human nature as this has developed over time and is given expression in human societies. Emphasis is placed on the physical evolution of the human species, on methods used to study both physical and social evolution, on the nature and development of human language, and on the meaning and variation of culture throughout the world's societies.

### **211. SOCIAL PROBLEMS**

**3 semester hours**

An examination of various public issues which attempts to dispel persistent fallacies regarding these issues and to provide a distinctively sociological framework for such investigations. Attention given to the way in which "problems" become identified and acted on in society. Course focuses on causes, consequences, and treatment of such problems as poverty, crime, discrimination, mental disorders, drug abuse, violence, and population pressures. Prerequisite: Sociology 111.

### **311. THE FAMILY**

**3 semester hours**

An investigation of the family as an institution in societies. Focus is upon both the development of and current patterns in the American family. Specific topics include social class differences, racial and ethnic variations, premarital patterns, marital interaction, family problems, and the future prospects for the family. Prerequisite: Sociology 111.

### **313. CRIME AND DELINQUENCY**

**3 semester hours**

An analysis of juvenile delinquency and adult crime as categories of social behavior. Course considers both causes and consequences of such phenomena. Particular attention is given to the social organization of criminals and to an analysis of the criminal and juvenile justice systems. Prerequisite: Sociology 111.

## **Special Pre-Professional Programs**

**Pre-Law**

**Pre-Medical or Pre-Dental**

**Pre-Ministerial (Any Full-Time Christian Vocation)**

**Pre-Nursing**

Students entering any pre-professional program should plan carefully, using the catalog of the professional school they wish to enter as a specific guide in choosing courses at Elon College. Students should design their course of study in consultation with their faculty adviser, the counseling office and the adviser for the specific pre-professional program.

## **Associate Degree Programs**

**Banking and Finance**

The Associate of Arts degree in Banking and Finance is offered in cooperation with the American Institute of Banking under the direction of the Department of Business Administration.

The requirements for the Associate in Arts degree in Banking and Finance are as follows: English 111; Communications 210; Accounting 211, 212; Business Administration 111, 321, 329; Political Science 111; Psychology 211; Economics 211, 212, and AIB courses including Principles of Bank Operations, Installment Credit, Fundamentals of Banking and others. Courses creditable toward the Basic, Standard, or Advanced certificate to equal 22 semester hours.

**Medical Laboratory Technician**

For complete information on the medical laboratory technician program see courses of instruction.

**Secretarial Science**

The requirements for the Associate in Arts degree in Secretarial Science are as follows: Business Education 113, 114, 115, 117, 118, 119, 121, 130, 133, 312, 313; also Accounting 211-212; Business Administration 111, 225, 321, 329; Economics 211; Physical Education (2 semester hours of activity courses) and English 111. A student who has prior preparation equivalent to Business Education 113, 114, or 118 may substitute electives for those courses. Additional electives to make a total of 63 semester hours are required.

Additional requirements for students who wish to acquire the basic skills required for legal secretaries are Business Administration 322, Political Science 231, 232, and Business Education 471. In order to meet these requirements, attendance at Winter Terms may be necessary.

## **One-Year Secretarial Science Certificate**

The requirements for the one-year course in Secretarial Science are as follows: Business Education 117, 121; two courses chosen from Business Education 113, 114, 115, and 312, 118 and 119 (or 119 and 313), 130, 133; also Accounting 211; Business Administration 111, 323; and English 111. 33 semester hours required.

## **Bachelor of Applied Arts and Bachelor of Applied Science Degrees**

Graduates of technical or vocational programs from accredited community colleges or technical institutes receive full credit with direct transfer of up to 65 semester hours of work toward a Bachelor of Applied Arts or a Bachelor of Applied Science degree.



# Directory



## Directories and Appendices

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**Terms Expiring June 30, 1982**

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**Terms Expiring June 30, 1983**

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Harold W. Johnson, *Honorary Life Trustee*  
Iris Holt McEwen, L.H.D., *Honorary Life Trustee*

**Faculty, 1978-1979**

J. Wesley Alexander, 1961\*, *Associate Professor of Mathematics*  
B.S., M.A., *Appalachian State University*; M.S., *New Mexico State University*

Ralph V. Anderson, 1963, *Professor of Economics; Chairman, Department of Economics*  
B.S., *Ferris Institute*; M.S., *University of Tennessee*; B.D., *Northern Baptist Theological Seminary*; Ph.D., *University of North Carolina*

Andrew J. Angyal, 1976, *Assistant Professor of English*  
B.A., *Queens College*; M.A., *Yale University*; Ph.D., *Duke University*

Richard T. Apperson, 1968, *Assistant Professor of Music*  
A.B., *Elon College*; S.M.M., *Union Theological Seminary, New York*

\*Year of appointment

- Malvin N. Artley, 1963, *Professor of Music*  
B.Mus., Shenandoah Conservatory of Music; M.Mus., Cincinnati Conservatory; D.F.A., Chicago Musical College, Roosevelt University
- Ruth A. Baner, 1978, *Part-time Assistant Professor of English*  
B.A., Ph.D., University of Mexico
- William H. Barbee, 1970, *Associate Professor of Mathematics*  
B.S., Wofford College; M.Math., University of Tennessee; Graduate Studies, University of Georgia
- Robert C. Baxter, 1959, *Associate Professor of Political Science; Vice President for Legal Affairs*  
A.B., Elon College; J.D., Duke University
- Eloise Baynes, 1968, *Assistant Professor of Foreign Languages*  
A.B., Salem College; M.A., Graduate Studies, University of North Carolina
- Barry B. Beedle, 1978, *Assistant Professor of Physical Education and Health*  
M.S., Mississippi State University; Ed.D., University of Mississippi
- W. Jennings Berry, Jr., 1957, *Associate Professor of English; Coordinator of Counseling and Placement Services*  
A.B., Elon College; M.A., University of North Carolina
- Robert G. Blake, 1968, *William S. Long Professor of English*  
A.B., Harvard University; M.A., Ph.D., Duke University
- Linda A. Bland, 1976, *Part-time Instructor in History*  
B.A., M.A., Wake Forest University; M.A.T., Duke University
- R. Lamar Bland, 1967, *Associate Professor of English*  
A.B., Wake Forest University; M.A., Ph.D., University of North Carolina
- Janice D. Bordeaux, 1978, *Part-time Instructor in Psychology*  
B.F.A., University of Illinois; Graduate Studies, Duke University
- Regina J. Bowden, 1978, *Instructor in Sociology*  
B.S., Tennessee State University; M.A., North Carolina Central University; Graduate Studies, University of North Carolina
- David A. Bragg, 1970, *Associate Professor of Music*  
B.S., Concord College; M.M.E., Ph.D., Florida State University
- Edith R. Brannock, 1962, *Assistant Professor of Home Economics*  
A.B., Elon College; M.Ed., University of North Carolina
- Marydell R. Bright, 1970, *Coordinator of Admissions and Financial Aid; Director of Admissions*  
A.B., Mount Holyoke College; M.Ed., University of North Carolina

- Mary Lou G. Brittain, 1976, *Assistant Professor of English*  
B.A., M.A., Ph.D., University of North Carolina at Greensboro
- Dwight D. Brown, 1967\*, *Assistant Professor of Physical Education and Health; Associate Football Coach*  
B.S., East Carolina University; M.S., North Carolina A & T State University
- Janie P. Brown, 1967, *Assistant Professor of Physical Education and Health*  
B.S., Wake Forest University; M.A., East Carolina University; Graduate Studies; University of North Carolina at Greensboro
- W. E. Butler, Jr., 1946, *Business Manager and Treasurer*  
A.B., Elon College; Graduate Studies, University of North Carolina, C.P.M.
- Lonnie Mack Carden, 1977, *Instructor in Physical Education and Health; Assistant Football Coach; Wrestling Coach*  
A.B., Elon College; M.A., Appalachian State University
- D. Brooks Cates, 1964, *Assistant Professor of Social Sciences*  
A.B., University of North Carolina; M.A., East Carolina University; Ph.D., University of North Carolina
- Carole F. Chase, 1976, *Assistant Professor of Religion*  
A.B., College of William and Mary; M.A., Presbyterian School of Christian Education; Ph.D., Duke University
- Paul H. Cheek, 1950, *L. L. Vaughan Professor of Chemistry*  
B.S., Wake Forest University; Ph.D., University of North Carolina
- Ruth L. Cheek, 1964, *Part-time Assistant Professor of Chemistry*  
A.B., M.A., University of North Carolina
- Janet F. Cochran, 1978, *Instructor in English*  
B.A., M.A., Graduate Studies, University of North Carolina at Greensboro
- Terrell W. Cofield, 1968, *Assistant Professor of Music*  
B.Mus., Rollins College; M.Mus., University of North Carolina; Study with Maestro Luigi Ricci, Teatro dell 'Opera, Rome, Italy
- Janie E. Council, 1960, *Associate Professor of Business Administration and Accounting*  
A.B., M.A., East Carolina University
- David M. Crowe, Jr., 1977, *Assistant Professor of History*  
B.A., Southeastern Louisiana College; M.A., Mississippi State University; Ph.D., The University of Georgia

\*Resigned December 1978

- Edwin L. Daniel, 1963, *Associate Professor of Art*  
A.B., Elon College; B.F.A., Abbott School of Fine and Commercial Art;  
M.F.A., University of North Carolina; Virginia Commonwealth University;  
Roanoke Fine Arts Center, University of Virginia Extension
- J. Earl Danieleley, 1946, *Professor of Chemistry*  
A.B., Elon College; M.A., Ph.D., University of North Carolina; Postdoctoral  
Study, The Johns Hopkins University; Sc.D, Catawba College; LL.D.,  
Campbell College
- Robert W. Delp, 1968, *Professor of History*  
B.S., Davidson College; B.D., Lancaster Theological Seminary; M.A., Ph.D.,  
The George Washington University; Duke University
- Helen H. Euliss, 1969\*, *Assistant Professor of English*  
B.S., Appalachian State University; M.A., Graduate Studies, University of  
North Carolina
- Janie C. Evans, 1954, *Assistant Professor of Mathematics*  
A.B., M.Ed., University of North Carolina
- Daniel Feinberg, 1978, *Professor of Business Administration*  
B.B.S., The College of the City of New York; M.A., Columbia University;  
Ph.D., New York University
- Hugh M. Fields, 1970, *Assistant Professor of Biology and Natural Sciences*  
B.S., M.S., North Carolina State University
- John Benjamin Flora, 1977, *Adjunct Assistant Professor of Allied Health*  
B.A., University of Virginia; Ph.D., Virginia Polytechnic Institute and State  
University
- Geraldine N. Fox, 1978, *Instructor in English; Director of Non-Traditional  
Student Program*  
A.B., M.Ed., University of North Carolina at Greensboro
- Gerald L. Francis, 1974, *Associate Professor of Mathematics; Chairman,  
Department of Mathematics*  
B.S., M.A., Appalachian State University; Ph.D., Virginia Polytechnic  
Institute and State University
- Paul L. Gaskill, 1978, *Instructor in Recreation Administration*  
A.A., Montgomery County Community College; B.S., The Pennsylvania State  
University; M.S., University of North Carolina
- Betty K. Gerow, 1960, *Associate Professor of English*  
A.B., Meredith College; M.A., University of North Carolina

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\*Leave of absence, 1978-79



- James W. Geyer, 1977, *Adjunct Assistant Professor of Allied Health*  
B.A., Eastern Michigan University; M.S., Ph.D., Wayne State University
- Russell B. Gill, 1976, *Assistant Professor of English*  
A.B., College of William and Mary; M.A., Ph.D., Harvard University
- James H. Glenn, 1978, *Instructor in Music*  
B.A., Luther College; M.A., Occidental College; Graduate Studies, University of Oklahoma
- Seena A. Granowsky, 1975, *Assistant Professor of Psychology*  
B.S., Tufts University; M.S., Vassar College; Ph.D., Duke University
- Deborah L. Griffin, 1978, *Part-time Instructor in Mathematics*  
B.S., Atlantic Christian College; M.A., University of North Carolina
- Alvin D. Hall, 1977, *Part-time Instructor in English*  
A.B., Bowdoin College; M.A., University of North Carolina
- Kenneth L. Harper, 1970, *Assistant Professor of Education; Director of the Office of Administrative Services; Registrar*  
A.B., Elon College; M.Ed., University of North Carolina; Graduate Studies, Duke University, University of North Carolina at Greensboro
- E. Frank Harris, 1967, *Associate Professor of Physics; Chairman, Department of Physical Sciences; Coordinator, Radiologic Technology*  
A.B., Elon College; M.A., Wake Forest University; Ph.D., University of North Carolina
- Priscilla L. Haworth, 1975, *Part-time Instructor in English*  
B.S., M.A., Appalachian State University; Virginia Polytechnic Institute and State University; University of Virginia
- Richard C. Haworth, 1974, *Associate Professor of Mathematics*  
B.S., Wake Forest University; M.A.T., Duke University; M.A., Appalachian State University; Ph.D., Virginia Polytechnic Institute and State University
- Thomas S. Henricks, 1977, *Assistant Professor of Sociology*  
B.A., North Central College; M.A., Ph.D., University of Chicago
- Howard R. Higgs, 1977, *Assistant Professor of Human Services*  
B.A., Greensboro College; M.A., Ph.D., University of North Carolina at Greensboro
- Anne T. Hilliard, 1976, *Coordinator, Medical Laboratory Technician*  
B.A., University of North Carolina at Greensboro; M.T., Charlotte Memorial Hospital; S.B.B., North Carolina Memorial Hospital, Chapel Hill
- Cheryl T. Holt, 1976, *Part-time Academic Skills Specialist*  
B.A., Elon College

- Rachel Y. Holt, 1968, *Assistant Professor of History*  
A.B., Elon College; M.Ed., M.A., Graduate Studies, University of North Carolina
- Alonzo L. Hook, 1914, *Professor of Physics; Dean Emeritus*  
A.B., Elon College; M.A., M.S., Cornell University; Sc.D., Elon College; The Johns Hopkins University; University of Chicago; Duke University
- Herbert W. House, Jr., 1977, *Assistant Professor of Biology*  
B.S., Wake Forest University; M.S., Ph.D., University of South Carolina
- Rebecca O. House, 1978, *Part-time Academic Skills Specialist*  
B.A., Meredith College; M.Ed., University of North Carolina
- S. Carlysle Isley, 1973, *Director of Institutional Relations*  
A.B., University of North Carolina
- Mary F. Jackson, 1975, *Assistant Professor of Physical Education and Health; Head Women's Basketball Coach*  
B.S., Norfolk College of William and Mary; M.Ed., University of Virginia
- Clayton E. Johnson, 1969, *Assistant Professor of Physical Education and Health; Associate Football Coach; Track Coach*  
A.B., Elon College; M.A.T., University of North Carolina
- John D. Jones, 1977, *Professor of Military Science*  
B.S., Virginia State College; M.A., Atlanta University; Lt. Col., U.S. Army
- Thomas M. Keller, 1978, *Instructor in Communications*  
B.F.A., Illinois Wesleyan University; M.S., Eastern Illinois University; M.S., Southern Illinois University
- Donald J. Kelly, 1967, *Associate Professor of Physical Education; Associate Football Coach; Swimming Coach*  
A.B., Catawba College; M.A., University of North Carolina
- Guy R. Lambert, Sr., 1963, *Assistant Professor; Associate Librarian*  
A.B., Elon College; M.Ed., University of North Carolina
- Patricia E. Lewis, 1978, *Part-time Instructor in Religion*  
B.A., University of North Carolina at Greensboro; Graduate Studies, Duke University
- William G. Long, 1974, *Associate Professor of Political Science; Dean of Student Affairs*  
B.A., M.A., West Virginia University; M.Div., Yale University Divinity School
- Frances C. Longest, 1955, *Associate Professor of Business Education*  
A.B., Elon College; M.Ed., Graduate Studies, University of North Carolina

- June M. Looney, 1968, *Assistant Professor of Psychology*  
A.B., Elon College; M.A., Graduate Studies, East Carolina University
- Charles B. Lowry, 1978, *Assistant Professor of History; Head Librarian*  
B.S., Spring Hill College; M.A., University of Alabama; M.L.S., Graduate Studies, University of North Carolina
- Helen H. Mackay, 1976, *Part-time Assistant Professor of English*  
B.A., M.A., Ph.D., University of North Carolina at Greensboro
- Betty J. Maness, 1976, *Academic Skills Director*  
B.A., M.Ed., University of North Carolina at Greensboro
- Frances R. Marlette, 1975, *Associate Professor of Human Services; Chairman, Department of Human Services*  
A.B., High Point College; M.Ed., Ed.D., University of North Carolina
- Elizabeth P. McAfee, 1975, *Part-time Instructor in English*  
A.B., Columbia University; M.A.T., Emory University; Graduate Studies, University of North Carolina; Georgia State University
- Robert D. McBee, 1977, *Assistant Professor of Sociology; Baseball Coach*  
B.A., Presbyterian College; M.S., Ph.D., University of Southern Mississippi
- Larry B. McCauley, Sr., 1968, *Assistant Professor; Director of Physical Plant*  
A.B., Elon College; M.A., University of North Carolina
- John Michael Marr, 1978, *Associate Professor of Business Administration*  
B.A., Presbyterian College; M.S., Ph.D., Clemson University
- Kathy A. Meads, 1978, *Part-time Instructor in English*  
B.A., University of North Carolina; M.F.A., University of North Carolina at Greensboro
- William F. Mignioulo, 1978, *Part-time Instructor in English*  
A.B., University of North Carolina; Graduate Studies, Brown University
- William R. Miller, 1959, *Assistant Professor of Physical Education and Health; Basketball Coach*  
A.B., M.Ed., University of North Carolina
- James A. Moncure, 1974, *Professor of History; Vice President for Academic and Student Affairs*  
B.A., University of Richmond; M.A., Ph.D., Columbia University
- H. Reid Montgomery, 1978, *Part-time Instructor in Religion*  
A.B., Elon College; B.D., Union Theological Seminary, Virginia; S.T.M., New York Theological Seminary; Graduate Studies, New York University

- C. Fletcher Moore, 1937, *Professor of Piano and Organ*  
A.B., Elon College; M.A., Teachers College; Juilliard School of Music; Piano Student of Sascha Gorodnitski; Study with Guy Maier; Graduate Studies, Columbia University; D.Litt., Catawba College
- Voigt F. Morgan, 1963, *Associate Professor of Biology*  
A.B., Elon College; M.A., Appalachian State University; Graduate Studies, Duke University
- T. William Morningstar, Jr., 1972, *Assistant Professor of Physical Education and Health; Assistant Basketball Coach; Golf Coach*  
A.B., Elon College; M.A., Lynchburg College
- Donna J. Mosier, 1978, *Part-time Instructor in Business Administration*  
B.A., State University College at Potsdam, New York; M.B.A., Clarkson College of Technology, Potsdam, New York
- Daniel N. Moury, 1977, *Director of Special Institutional Programs*  
B.S., Wake Forest University; Ph.D., Purdue University
- Whitney P. Mullen, 1970, *Associate Professor of Science Education*  
B.S.Ed., Glassboro State College; M.Ed., D.Ed., Duke University
- James H. Overton, 1963, *Professor of Religion*  
A.B., University of North Carolina; B.D., Ph.D., Duke University
- James H. Pace, 1973, *Assistant Professor of Religion; Chairman, Department of Religion*  
A.B., Birmingham-Southern College; M.Div., Ph.D., Emory University
- Walter Read Patten, 1979, *Part-time Instructor in Religion*  
B.S., University of North Carolina; M.Div., Graduate Studies, Duke University
- John K. Patterson, 1963, *Part-time Assistant Professor of Business Law*  
A.B., Elon College; J.D., University of North Carolina
- Nan P. Perkins, 1976, *Part-time Academic Skills Specialist*  
B.A., Atlantic Christian College
- Theodore E. Perkins, 1958, *Associate Professor; Librarian for Special Collections*  
B.S., Western Carolina University; M.Div., Duke University; M.Ed., B.S. in L.S., M.S. in L.S., University of North Carolina
- Anne Ponder, 1977, *Instructor in English; Director of Academic Honors Program*  
A.B., M.A., University of North Carolina
- James B. Powell, 1977, *Adjunct Associate Professor of Allied Health*  
B.A., Virginia Military Institute; M.D., Duke University

- Agnes J. Price, 1970, *Assistant Professor of Business Administration*  
B.S., M.Ed., Graduate Studies, University of North Carolina at Greensboro
- Mary Ellen Priestley, 1968, *Professor of English*  
B.S., Middle Tennessee State; M.A., George Peabody College; Ph.D., University of Alabama; University of Missouri; University College, London
- Brank Proffitt, 1977\*, *Professor of Public Administration*  
B.S., Western Carolina College; M.A., George Peabody College for Teachers, Tennessee; Ph.D., University of North Carolina
- Raghavendra D. Rao, 1969, *Associate Professor of Biology*  
B.S., Osmania University; M.S., Ph.D., North Carolina State University
- William G. Rich, 1977, *Assistant Professor of Religion*  
B.A., Wake Forest University; B.D., Southeastern Baptist Theological Seminary; Ph.D., Emory University
- George Lynwood Ryals, Jr., 1973, *Associate Professor of Biology; Chairman, Department of Biology*  
A.B., Elon College; M.A., Appalachian State University; Ph.D., Clemson University
- Allen B. Sanders, 1965, *Professor of Business Administration and Accounting; Chairman, Department of Business Administration, Business Education, and Accounting*  
B.S., West Virginia University; M.B.A., The George Washington University; C.M.A., Ph.D., University of North Carolina
- Kathleen W. Scott, 1978, *Part-time Instructor in Languages*  
A.B., Indiana University; M.A., University of North Carolina
- Gloria L. Shapiro, 1979, *Associate Professor of Business Administration*  
B.Ed., M.A., Ph.D., University of Miami
- Lawrence H. Simon, 1976, *Associate Professor of Education*  
B.A., M.A.T., University of North Carolina; Ed.D., University of North Carolina at Greensboro
- Martha S. Smith, (1964\*\*), 1970, *Associate Professor of English; Chairman, Department of Literature and Languages*  
A.B., Winthrop College; M.A., Presbyterian School of Christian Education; M.A., Ph.D., University of North Carolina
- Joyce E. Speas, 1978, *Instructor in Mathematics*  
B.A., Mars Hill College; M.Ed., University of North Carolina at Greensboro

\*Resigned December 1978

\*\*Year of first appointment



Lucile C. Stone, 1968, *Associate Professor of Education*

A.B., East Carolina University; M.Ed., Graduate Studies, University of North Carolina

Arnold C. Strauch, 1956, *Professor of Education; Chairman, Department of Education*

B.S., State Teachers College, Pennsylvania; M.A., Ed.D., University of North Carolina

John G. Sullivan, 1970, *Associate Professor of Philosophy; Chairman, Department of Philosophy*

B.A., M.A., Catholic University; J.C.D., Lateran University; Graduate Studies, University of North Carolina

Michael A. Taylor, 1978, *Assistant Professor of Foreign Languages*

B.A., M.A., Ph.D., University of North Carolina

Jerry R. Tolley, 1967, *Assistant Professor of Physical Education and Health; Head Football Coach*

B.S., M.A., East Carolina University

James T. Toney, 1960, *Associate Professor of Economics*

B.S., M.A., Appalachian State University; Graduate Studies, Teachers College, Columbia University; University of Colorado; Memphis State University

Carole W. Troxler, 1971, *Assistant Professor of History*

A.B., University of Georgia; M.A., Ph.D., University of North Carolina

George W. Troxler, 1969, *Associate Professor of History*

A.B., Guilford College; M.A., Ph.D., University of North Carolina

Ann J. Vickers, 1966, *Assistant Professor; Catalog Librarian*

A.B., Elon College; M.Ed., University of North Carolina

Bruce N. Waller, 1978, *Instructor in Philosophy*

B.A., Louisiana Technical University; M.A., Graduate Studies, University of North Carolina

Frederic T. Watts, Jr., 1972, *Associate Professor of Political Science; Chairman, Department of Social Sciences*

B.S., University of Nebraska; M.S., The George Washington University; Ph.D., University of South Carolina

Linda T. Weavil, 1973, *Assistant Professor of Business Education*

B.S., M.A., East Carolina University

Jane C. Wellford, 1976, *Part-time Instructor in Physical Education*

B.F.A., St. Andrews Presbyterian College; M.F.A., University of North Carolina at Greensboro

- Albert R. West, 1975, *Part-time Instructor in Human Services*  
B.S., U. S. Naval Academy; M.A.C.T., University of North Carolina
- Walter Westafer, 1963, *Professor of Music; Chairman, Department of Fine Arts*  
B.Mus., Syracuse University; M.Mus., Cincinnati Conservatory of Music;  
Ph.D., University of North Carolina
- John W. Wheeler, 1978, *Instructor in Accounting*  
B.A., Central Wesleyan College; M.A., Virginia Polytechnic Institute
- Alan J. White, (1964\*), 1974, *Associate Professor of Physical Education and Health; Chairman, Department of Physical Education and Health*  
B.S., Wake Forest University; M.Ed., University of North Carolina; Ed.D., Mississippi State University
- Jack O. White, 1962, *Associate Professor of Music; Director of the Band*  
B.S., Concord College; M.Ed., University of North Carolina
- M. Christopher White, 1972, *Associate Professor of Religion; Dean of Academic Affairs*  
A.B., Mercer University; M.Div., Southern Baptist Theological Seminary;  
Ph.D., Emory University
- Larry R. Whittington, 1977, *Instructor in Military Science*  
B.S., Embry Riddle Aeronautical University; Captain, U. S. Army
- W. Robert Wicker, 1969, *Instructor in Natural Science; Director of Audio-Visuals*  
A.A., Mars Hill Junior College; A.B., Elon College; M.A., Appalachian State University
- Dorothy M. Williams, 1978, *Part-time Instructor in Mathematics*  
B.S., Westhampton College, University of Richmond; M.A.T., Duke University
- Jeanne F. Williams, 1957, *Associate Professor of Statistics and Mathematics*  
B.S., University of Rhode Island; M.S., North Carolina State University;  
Graduate Studies, North Carolina State University, University of North Carolina
- Jo W. Williams, 1969, *Associate Professor of Education; Associate Dean of Academic Affairs*  
A.B., Elon College; M.Ed., Ed.D., University of North Carolina at Greensboro
- Paul D. Williams, Jr., 1977, *Assistant Professor of Education*  
A.B., Lenoir-Rhyne College; M.A., Appalachian State University; Ph.D., Duke University

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\*Year of first appointment

Mary A. Wimsatt, 1976, *Assistant Professor of English*  
B.A., Stetson University; M.A., Ph.D., Duke University

Barbara L. Yarborough, 1974, *Assistant Professor of Physical Education;*  
*Women's Volleyball Coach*  
B.S., Winthrop College; M.A.T., University of North Carolina

James Fred Young, 1973, *President*  
A.A., Mars Hill Junior College; B.S., Wake Forest University; M.A., University  
of North Carolina; Ed.D., Columbia University; Graduate Studies, Appalac-  
hian State University; East Carolina University; University of Virginia

Rudolph T. Zarzar, 1967, *Assistant Professor of Political Science*  
A.B., M.A., Ph.D., University of North Carolina

## Administrative Officers and Staff

James Fred Young, A.A., B.S., M.A., Ed.D., *President*  
Evelyn S. Campbell, *Secretary to the Office of the President*  
James A. Moncure, B.A., M.A., Ph.D., *Vice President for Academic and Student  
Affairs*  
Jerri Holloway, *Secretary to the Vice President for Academic and Student  
Affairs*  
Robert C. Baxter, A.B., J.D., *College Attorney*  
Alonzo L. Hook, A.B., M.A., M.S., Sc.D., *Dean Emeritus*  
Daniel N. Moury, B.S., Ph.D., *Director of Special Institutional Programs*  
Ronald A. Klepcyk, B.S., M.Ed., *Associate Director of Special Institutional  
Programs*  
Carolyn Lentz, A.B., *Secretary in Office of Secretarial Services*  
Med Hoyle, B.F.A., *Printshop Operator*  
Gail H. Alston, B.A., *Secretary to the Director of Special Institutional Programs*  
Lela Faye Rich, B.A., M.A.T., *Director of Student Development Program*

## Academic Affairs

M. Christopher White, A.B., M.Div., Ph.D., *Dean of Academic Affairs; Director  
of Summer School*  
Martha H. Tingen, *Secretary to the Dean of Academic Affairs*  
Anne Ponder, A.B., M.A., *Director of Academic Honors Program*  
Karen B. Carroll, B.A., *Secretary to the Directors of Academic Honors and  
Non-Traditional Student Programs*

## Learning Resources

Charles B. Lowry, B.S., M.A., M.L.S., *Director of Learning Resources and Head  
Librarian*  
Mary Barbour, *Secretary to the Head Librarian*  
Catherine B. Halbert, A.B., *Secretary to the Director of Learning Resources and  
the Teacher Education Committee*  
Lydia I. Berry, *Library Staff*  
Helene K. Ellis, *Library Staff*  
Miriam R. C. Holland, B.A., M.L.S., *Instructional Design Specialist*  
Guy R. Lambert, Sr., A.B., M.Ed., *Associate Librarian*

E. Anderson Lightbourne, B.A., *Learning Resources Center Program Assistant and Manager of Academic Computer*  
Betty J. Maness, A.B., M.Ed., *Academic Skills Director*  
Joyce Speas, B.A., M.Ed., *Instructor in Mathematics for Academic Skills Program*  
Ann J. Vickers, A.B., M.Ed., *Catalog Librarian*  
W. Robert Wicker, A.B., M.A., *Director of Audio-Visuals*  
Margaret Zang, *Library Staff*

## Student Affairs

William G. Long, A.B., M.A., M.Div., *Dean of Student Affairs*  
Ellen F. Gagnon, *Secretary to the Office of Student Affairs*  
David C. Joyce, B.A., M.Div., *Assistant Dean of Student Affairs*  
William G. Sharpe, IV, A.B., M.Div., *Coordinator of Student Activities*  
W. Jennings Berry, Jr., A.B., M.A., *Coordinator of Academic Advising Services*  
Vickie Godfrey, *Secretary, Counseling Office*  
Larry E. Barnes, A.B., *Director of Placement*  
Philip R. Mann, M.D., *College Physician*  
Charles W. Phillips, M.D., *Assistant College Physician*  
Vivian S. Bryan, R.N., *Nurse*  
Mary Jane Salter, R.N., *Nurse*  
Phyllis F. Hargis, B.S., *Coordinator of Housing*  
Teme M. Reice, B.S., M.S.W., A.C.S.W., *Coordinator of Commuter Activities*  
Bobbie A. Allnutt, B.S., M.Ed., *Coordinator of Career Planning*  
Frank A. Mianzo, B.A., M.A., *Assistant Coordinator of Student Activities and Area Coordinator*  
Alicia S. Boleman, *Area Coordinator*  
Leona B. Updyke, *College Receptionist*  
Karen R. Carden, A.B., *Director of Intramural Athletics*

## Admissions and Financial Aid

Marydell R. Bright, A.B., M.Ed., *Coordinator of Admissions and Financial Aid; Director of Admissions*  
Christine Phillips, *Secretary, Admissions and Financial Aid*  
Jacqueline P. Matlock, *Assistant for Admissions*  
Wayne Bowery, A.B., *Assistant Director of Admissions*  
Barry Bradberry, A.B., *Assistant Director of Admissions*  
Elizabeth Moore, A.B., *Admissions Counselor*  
Barry Simmons, A.B., *Director of Financial Aid*  
Janet M. Leach, *Assistant for Financial Aid*

## Administrative Services

Kenneth L. Harper, A.B., M.Ed., *Director of Administrative Services, Director of Institutional Research and Registrar*  
Mark R. Albertson, B.B.A., *Associate Registrar*  
William David Wall, B.A., *Director of Computer Services*  
Virginia G. Johnston, A.A., *Research Secretary*

Jerri Holloway, *Secretary to the Director of Administrative Services, Director of Institutional Research and Registrar*  
 Rose Mary Ward, *Secretary to the Associate Registrar*  
 Yonnie Bosquet, *Computer Operator*  
 Kathy Cannon, *Registration Clerk*  
 Joyce Jacobs, *Data Entry Operator*  
 Linda Miller, *Transcript and Graduation Clerk*  
 Lena Oakley, *Statistics Clerk*

## Business Affairs

W. E. Butler, Jr., A.B., C.P.M., *Business Manager and Treasurer*  
 Vickie S. Martin, *Office Manager and Assistant for Purchasing, Business Office*  
 C. Conway Bayliff, Jr., A.B., *Campus Shop Manager*  
 Faye Y. Dennis, *Textbook Secretary, The Campus Shop*  
 Robert W. Sloan, B.S., *Accountant*  
 Sylvia G. McKinney, B.S., *Assistant Accountant*  
 Audrey P. Shumar, *Clerk, Accounting Office*  
 Faye D. Conally, *Secretary, Business Office*  
 Karen L. Hughes, *Clerk, Cashier's Office*  
 Doris L. Maney, *Cashier*  
 Margaret Clapp, *Assistant to the Accountant*  
 Yvette B. Snider, *Payroll Clerk, Accounting Office*  
 Sara F. Dodson, A.B., *Assistant, Cashier's Office*  
 Eloise A. Wilder, *Clerk, Cashier's Office*  
 William A. Parker, *Director of Food Services*

## Development Affairs

S. Carlysle Isley, A.B., *Director of Institutional Relations*  
 Mary Elizabeth McCauley, *Secretary to the Director of Institutional Relations*  
 Jo Watts Williams, A.B., M.Ed., Ed.D., *Director of Development*  
 William R. Ginn, A.B., *Associate Director of Development*  
 Shirley Crawford, *Secretary to Development Office*  
 Tim McDowell, A.A.S., B.A.S., *Director of Public Information and Publications*  
 Margie O'Connell, *Assistant Director of Public Information and Publications*  
 Clyde L. Fields, B.A., M.Div., D.D., *Estate Planner*  
 Emma D. Lewis, *Bookkeeper, Development Office*  
 Phyllis H. Kluttz, B.A., M.A., *Grants Coordinator*

## Athletic Affairs

Melvin L. Shreves, A.B., *Coordinator of Intercollegiate Athletics, Athletic Business Manager and Sports Information Director*  
 Doris C. Gilliam, *Secretary to the Department of Athletics*  
 Stephen Ballard, B.S., M.A., *Soccer Coach, Assistant Sports Information Director*  
 Karen Carden, A.B., *Women's Tennis Coach*  
 Lonnie Mack Carden, A.B., M.A., *Assistant Football Coach, Wrestling Coach*  
 Linwood S. Ferguson, A.S., B.S., M.A.Ed., *Assistant Football Coach*  
 Mary F. Jackson, B.S., M.Ed., *Women's Basketball Coach, Women's Softball Coach*  
 Clayton E. Johnson, A.B., M.A.T., *Associate Football Coach, Track Coach*  
 Donald J. Kelly, A.B., M.A., *Associate Football Coach, Tennis Coach*  
 Robert D. McBee, B.A., M.S., Ph.D., *Baseball Coach*  
 William R. Miller, A.B., M.Ed., *Basketball Coach*



T. William Morningstar, A.B., M.A., *Assistant Basketball Coach, Golf Coach*  
Jerry R. Tolley, B.S., M.A., *Head Football Coach*  
Barbara L. Yarbrough, B.S., M.A.T., *Women's Volleyball Coach*  
Leo J. Welsh, *Supervisor of Athletic Facilities*

### Physical Plant

Larry B. McCauley, Sr., A.B., M.A., *Director of Physical Plant*  
Leona Brown, *Secretary to the Director of Physical Plant*  
Mary D. Thomas, *Information Services Supervisor*  
Warren R. Jeffreys, *Supervisor of Carpentry, Paint, Keys*  
W. Hal Laughlin, *Plant Engineer*  
Jim Pollack, A.B., *Executive Housekeeper and Assistant Physical Plant Director*  
Lloyd Routh, *Supervisor of Grounds*  
John Tickle, *Mail Services*  
Loretta Hale, *Assistant Housekeeper*

### Retired Faculty and Administrators

Luther N. Byrd, A.B., M.A., *Professor of History*  
Kostas V. Cepas, A.B., L.L.M., J.S.D., *Associate Professor of Foreign Languages and Cultures*  
Lewis R. Drumm, A.B., M.A., *Assistant Professor of Natural Science*  
Arabella Gore, A.B., A.B. in L.S., M.A., *Catalog Librarian*  
Mildred Haff, A.B., M.A., *Assistant Professor of Mathematics*  
James Howell, A.B., M.A., Ph.D., *Professor of English*  
Alfred W. Hurst, A.B., M.A., B.D., D.D., *Assistant Professor of Religion*  
Oma U. Johnson, A.B., B.S. in L.S., Ph.D., *Librarian; Librarian of the Historical Society*  
C. Gilbert Latham, B.S., M.S., *Associate Professor of Psychology and Sociology*  
Mattie Lee S. Lee, A.B., *Assistant Librarian*  
Eleanor W. Moffett, A.B., M.Ed., Ph.D., *Professor of English*  
James H. Overton, A.B., B.D., Ph.D., *Professor of Religion*  
S. E. Gerard Priestley, B.D., S.T.M., B.S., M.A., Ph.D., M.S.Sc., *Professor of History and Political Science*  
Paul S. Reddish, A.B., M.A., *Professor of Biology*  
Ferris E. Reynolds, A.B., B.D., S.T.M., Ph.D., *Professor of Philosophy*  
Howard R. Richardson, A.B., M.A., Ed.D., *Professor Emeritus of Education*  
Bessie P. Sloan, A.B., M.A., *Assistant Professor of Spanish*  
William W. Sloan, A.B., B.D., Ph.D., L.H.D., *Professor of Bible and Religious Education*  
Durward T. Stokes, A.B., M.A., Ph.D., *Professor of History*  
Arnold C. Strauch, B.S., M.A., Ed.D., *Professor of Education*  
W. B. Terrell, A.B., *Alumni Secretary*

### Alumni Association

Graduates and former students of Elon comprise the regular membership of the Alumni Association. Those who have honorary degrees, members of the faculty, and administrative officers of the College are associate members.

The members and Executive Committee of the Elon College Alumni Association:

Calvin Michaels '54

*President*

Capt. Eugene B. McDaniel, USN, '55

*1st Vice President*

Pat Jones Branche '62

*2nd Vice President*

#### At Large Members

Walter H. Bass, III '62  
Richmond, Va.

Grover A. Biddle '58  
Dover, Del.

Ronald P. Butler '75  
Burlington, N. C.

Mrs. Helen Clark '68  
Burlington, N. C.

Robert Gwaltney '64  
Harrisburg, N. C.

Dr. Victor H. Hoffman '61  
Thomasville, N. C.

Mrs. Geraldine Horton '38  
Burlington, N. C.

John Z. McBrayer '38  
Mooresboro, N. C.

#### Alumni Chapters

Alamance County (N. C.)

Atlanta (Ga.)

Durham-Orange (N. C.)

Fayetteville (N. C.)

Forsyth (N. C.)

Goldsboro (N. C.)

Guilford (N. C.)

Lee-Chatham (N. C.)

Peninsula (Va.)

Stewart T. Cass '58

*Immediate Past President*

William R. Ginn, Sr. '56

*Associate Director of Development*

John P. Paisley, Jr. '70  
Burlington, N. C.

Bob Pafe '75  
Vienna, Va.

Don Perkins '71  
Fayetteville, N. C.

John Peter Rascoe '74  
Greensboro, N. C.

Royall Spence, III '70  
Greensboro, N. C.

Dr. Barbara Tapscott '60  
Burlington, N. C.

Carl Woods '51  
Durham, N. C.

#### Presidents

Thomas L. Bass, Jr. '71  
Rt. 1 North Crest Heights  
Elon College, N. C. 27244

B. Allen Bush '68  
1113 Powers Ferry Place, S.E.  
Apt. E-1-5  
Marietta, Ga. 30067

To be elected  
Joel Smith '73  
3106A Turtle Point Drive  
Fayetteville, N. C. 28304  
Daniel S. Stokes '75  
724 Summit Street  
Winston-Salem, N. C. 27101

Dave F. McClenny '49  
Box 356  
Pikeville, N. C. 27863

C. V. May, Jr. '67  
Box 2443  
Greensboro, N. C. 27402

Rev. James E. Humphrey '60  
544 Sunset Drive  
Sanford, N. C. 27330

Mrs. Virginia Black Christian '35  
103 Eggleston Avenue  
Hampton, Va. 23369

Piedmont (N. C.)	Floyd Boyce '49 3525 Cotillion Avenue Charlotte, N. C. 28210
Richmond (Va.)	Mrs. Linda May Shields '67 1512 West Avenue Richmond, Va. 23220
Rockingham (N. C.)	Wayne Seymour '68 Rt. 3, Box 135 Eden, N. C. 27288
South Boston (Va.) Roxboro (N. C.)	H. Leon Tew, Jr. '69 603 Gordon Street Roxboro, N. C. 27573
Suffolk (Va.)	John W. Parr '75 407 Causey Avenue Suffolk, Va. 23434
Tidewater (Va.)	Michael Herbert '65 713 Prince Phillip Drive Virginia Beach, Va. 23452
Washington (D. C.)	Michael Lee '69 1336 Redbud Court Woodbridge, Va. 22191

## Endowment and Sources of Income

The income from tuition and fees constitutes only a part of the income of the College. Other sources of income include the annual gifts from the churches of the Southern Conference of the United Church of Christ; a share of the contributions received by the Independent College Fund of North Carolina; earnings from the permanent endowment funds of the College; and the contributions of individuals, foundations, business and industry.

In addition to the general endowment funds of the College, special endowment funds have been established for specific purposes:

*W. J. Ballentine Fund.* An undesignated bequest from the estate of W. J. Ballentine who served as trustee of the College.

*Bondurant Fund.* This fund was established by H. L. Bondurant of Norfolk, Va., as a memorial to his wife, Mrs. Gertrude Gibson Bondurant.

*Boone Memorial Fund.* Established by the late Dr. William H. Boone, of Durham, N.C., a long-time member of the Board of Trustees. This fund is in memory of his wife, Mrs. Annie Elizabeth Moring Boone.

*James H. R. Booth Endowment Fund.* This fund was created by Dr. James H. R. Booth, an alumnus of Elon College. The income from this fund is used preferably for support of the department of religion.

*John M. Campbell Fund.* This fund represents the proceeds from the sale of land given to the College as a memorial. The land had been left as a bequest to what was then known as the North Carolina Christian Conference.

*Carlton Fund.* The family of the late J. W. Carlton of Richmond, Va., P. J. Carlton, H. A. Carlton, L. E. Carlton and Mrs. J. Dolph Long established a professorship in Christian Literature and Methods in memory of Mrs. J. W. Carlton. Upon his death in May, 1935, P. J. Carlton left a bequest to the College.

*Thomas W. and Mary Watson Chandler Endowment Fund.* This fund was established by a gift from Mrs. Chandler. The earnings from the endowment became a part of the general funds of the College.

*Christian Workers Conference Fund* for the Southern Convention has been established at Elon College by Mrs. E. E. Holland, widow of Col. E. E. Holland, who was the last surviving member of the original Board of Trustees.

*Corwith Fund.* W. F. Corwith, a former trustee, has given to the College funds to establish a professorship in Biblical languages and literature in memory of Mrs. W. F. Corwith.

*The Daniels-Danieley Award.* The Daniels-Danieley Award for Excellence in Teaching was established in honor of the parents of the sixth president of the College, James Earl Danieley, and his wife, Verona Daniels Danieley. The income from this fund is used to provide a certificate of recognition and cash award each year to a faculty member whose teaching is characterized by excellence.

*T. B. Dawson Memorial Bible Fund.* This fund was established by friends and relatives of the late T. B. Dawson. The earnings are used to assist the College in purchasing copies of The Holy Bible which are given to graduating seniors in religion.

*Dofflemeyer Fund.* Established in memory of the late Milton A., Sr. and Naomi Frazier Dofflemeyer by their children. Earnings from this endowment are to be used to support the regular operation of the College.

*Harry K. Eversull Fund.* This fund was established by friends of Dr. Eversull who served as a trustee of Elon College.

*George Joseph Fertig Fund.* Established by C. Max Ward, class of 1949, and Cynthia Fertig Ward in memory of her father, Dr. George Joseph Fertig, eminent metallurgist from Birmingham, Alabama. The income from this fund will be used for the support of the department of chemistry.

*Elbert and Esther Fertig DeCoursey Fund.* Established by C. Max Ward, class of 1949, and Cynthia Fertig Ward in honor of Mrs. Ward's aunt and uncle, Major General Elbert DeCoursey, nationally known pathologist, and Esther Fertig DeCoursey. The earnings from this fund will be used to benefit the department of biology.

*Ford Endowment.* The principal amount of this fund was a gift from the Ford Foundation. All earnings of the fund are used to increase salaries of full-time teachers.

*D. R. Fonville, Sr. Fund.* A bequest from the estate of DeRoy Ransom Fonville, Sr., who served as a trustee of the College from 1914 until his death, April 21, 1958. The earnings from the fund are used to purchase books for the library.

*Foster Fund.* A bequest from the estate of Jos. A. Foster of Semora, N.C.

*Ella V. Gray Memorial Fund.* Proceeds to be used to purchase books to be added to the library's collection of Southern literature. Following a bequest from Mrs. Gray, this fund is being established by Garland Gray as a memorial to his mother.

*Susie Holland Memorial Fund.* This fund was created by a bequest from the estate of Susie Holland, an Elon alumna of the class of 1905 and a member of the Board of Trustees from 1937-1957. The use of the income from this fund is unrestricted.

*Kernodle Foundation.* A gift from Mrs. Attrice Kernodle Manson of Burlington, N.C., in memory of Dr. J. L. Kernodle and in honor of Mrs. J. L. Kernodle.

*John T. Kernodle Memorial Fund.* Created by a bequest from the estate of John T. Kernodle, an alumnus of the class of 1908. The income from this fund is used to support the general operation of the College.

*Peter Jefferson Kernodle and Louise Nurney Kernodle Memorial Fund.* Created by a bequest from the estate of John T. Kernodle, an alumnus of the class of 1908, in memory of his mother and father. The income from this fund is used to support the general operation of the College.

*Virginia Beale Kernodle Memorial Fund.* This fund was established by John T. Kernodle, class of 1908, as a memorial to his wife, Virginia Beale Kernodle, valedictorian of the class of 1913. The earnings from the fund are to be used for the upkeep of Whitley Memorial Auditorium. Mrs. Kernodle was the granddaughter of the late Leonard Hume Whitley for whom the auditorium was named.

*Klapp Fund.* A gift from the Rev. S. B. Klapp.

*Patrick Henry Lee Fund.* This fund is a bequest from Capt. P. H. Lee of Holland, Va.

*Minnie T. Lambeth Memorial Fund.* Friends and relatives of the late Minnie T. Lambeth have established this memorial fund.

*The James H. McEwen, Jr. Endowment Fund for the Fine Arts.* Established by James H. McEwen, Jr. of New Milford, Connecticut. Income from this fund will be used for the enrichment of the Fine Arts program.

*John M. McLean Fund.* This is a memorial fund established by Mrs. John M. McLean and friends of the late John M. McLean.

*Francis Asbury Palmer Fund.* This fund was established by Francis Asbury Palmer of New York. A second bequest from his estate was later added to the fund.

*Register Fund.* This fund was established by J. H. Register as a memorial to his wife.

*Oscar F. Smith Memorial Fund.* A bequest from the estate of Oscar Frommel Smith of Norfolk, Va., who served as a trustee of the College.

*William Watson Sellers Endowment Fund.* This fund was created in memory of William Watson Sellers, Elon College alumnus and former member of the Board of Trustees. The use of the income from the fund is unrestricted.

*Staley-Atkinson-Newman Memorial Foundation.* The churches of the Southern Convention, at the request of Elon College and the Southern Convention, authorized the establishment of a foundation in the Department of Christian Education at Elon College memorializing Dr. W. W. Staley, Dr. J. O. Atkinson, and Dr. J. U. Newman and the departments of the church to which they gave their lives. Income from this permanent fund is allocated to the Departments of Philosophy and Religion.

*J. J. Summerbell Fund.* Dr. J. J. Summerbell of Dayton, Ohio, was a staunch friend and loyal supporter of the College. He died February 28, 1913, and left a bequest to Elon College.

*L. L. Vaughan Fund.* A bequest from the estate of the late Professor L. L. Vaughan, who served as a trustee of the College from 1928 to 1956.

*Drusilla Dofflemyer Voorhees Fund.* Created in honor of Drusilla Dofflemyer Voorhees, class of 1924, by friends in recognition of her many years of devotion to her students and her contribution to education as a classroom teacher. The income from this fund is used to support the general operation of the College.

*O. J. Wait Fund.* A bequest from Rev. O. J. Wait, D.D., of Fall River, Massachusetts. This was the first bequest received by the College.

*J. W. Wellons Fund.* Dr. J. W. Wellons, several years before his death, bought two annuity bonds for the College. By terms of the bonds, at his death, they were cancelled and the principal became a part of the endowment funds of the College.

*Jesse Winbourne Fund.* This fund, a bequest from Deacon Jesse Winbourne of Elon College, N.C., became available in January, 1923.



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## **GENERAL INFORMATION**

## **STUDENT LIFE, SERVICES, AND ORGANIZATIONS**

## **ADMISSIONS, FINANCES, AND FINANCIAL AID**

## **ACADEMIC LIFE PROGRAM**

## **COURSES OF INSTRUCTION**

## **DIRECTORY**



USPS 076-160

Office of Admissions and Financial Aid  
ELON COLLEGE  
Elon College, N.C. 27244  
Telephone: (919) 584-9711

Fall, 1980

# elon



## **Communications with Elon College**

This bulletin contains pertinent information relative to the College, its philosophy, programs, policies, regulations, and course offerings. All students and prospective students are urged to read it carefully and completely.

Correspondence relating to official business should be addressed as follows:

### **President**

General Information

Gifts or bequests

### **Vice President for Academic and Student Affairs**

Faculty positions

Special programs

### **Dean of Academic Affairs**

Academic program

Academic work of students in college

### **Dean of Student Affairs**

Housing

Student affairs

### **Business Manager**

Payment of student accounts

Inquiries concerning expenses

### **Director of Development**

Public relations

Contributions

Estate Planning

Institutional data

### **Director of Financial Aid**

Information about scholarships, student loan funds, and work jobs

Employment while in college

### **Director of Placement**

Employment upon graduation

### **Registrar**

Requests for transcripts

Evaluation of transfer credits

Educational records

### **Director of Admissions**

Admission

Request for applications, catalogs or bulletins

### **Director of Alumni and Parent Relations**

Alumni affairs

Parent relations

# **Elon College**

**Elon College**

**(USPS 076-160)**

**Elon College / North Carolina 27244**

**Telephone 919-584-9711**

# Elon College

## 1980-81

Elon College / North Carolina 27244  
Telephone 919-584-9711

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Elon  
Vol. 92 — October, 1980 — No. 5 — (UPS 076-160)  
Published quarterly at Elon College, N. C. 27244.  
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# Calendar

## Fall Semester 1980

September 1 (Mon.)  
September 2 (Tues.)  
September 3 (Wed.)  
September 4 (Thurs.)  
September 9 (Tues.)  
October 20 (Mon.)  
November 6 (Thurs.)

November 26 (Wed.)

December 1 (Mon.)  
December 5 (Fri.)  
December 8-11 (Mon.-Thurs.)

Orientation; Evening School Registration  
Registration  
Drop-Add Day; Evening Classes Begin  
Day Classes Begin  
Last day for late registration  
Mid-semester reports due  
Preregistration begins for Winter Term  
and Spring Semester 1981  
Thanksgiving Holiday begins at close of  
afternoon classes  
Thanksgiving Holiday ends at 8:00 a.m.  
Classes End  
Examinations

## Winter Term 1981

January 5 (Mon.)  
January 6 (Tues.)  
January 28 (Wed.)

Registration  
Classes Begin  
Winter Term Ends

## Spring Semester 1981

February 2 (Mon.)  
February 3 (Tues.)  
February 4 (Wed.)  
February 9 (Mon.)  
March 20 (Fri.)

March 23 (Mon.)  
March 30 (Mon.)  
April 2 (Thurs.)

May 14 (Thurs.)  
May 15 (Fri.)  
May 16-20 (Sat.-Wed.)  
May 24 (Sun.)

Registration  
Drop-Add Day; Evening Classes Begin  
Day Classes Begin  
Last day for late registration  
Spring Vacation begins at close of  
afternoon classes  
Mid-semester reports due  
Spring Vacation ends at 8:00 a.m.  
Preregistration begins for Summer School  
and Fall Semester 1981  
Classes End  
Reading Day for Examinations  
Examinations  
Commencement

## Summer School 1981

First Term: June 8 - July 10  
Second Term: July 13 - August 14

# General Information



## Elon College

Elon College is nestled in an oak forest in lovely Piedmont North Carolina. In recognition of this fact, the name "Elon," Hebrew for oak, was selected for the institution when it was founded in 1889. Although the gracious 150-acre campus still abounds in stately oaks, the College has encroached upon the forest. The brick wall that encircles the main part of the campus has been unable to contain the College as it has grown through the years and, like a medieval town, the campus now spills beyond the walls providing additional spacious grounds for its buildings and playing fields.

Seventeen miles west of Elon, along Interstate 85, lies the thriving city of Greensboro; a little further east lie the great intellectual resources of the Research Triangle, comprised of Duke University at Durham, the University of North Carolina at Chapel Hill and North Carolina State University at Raleigh. The College community enjoys the lifestyle of a relatively small institution yet is able to have the advantages of major institutional resources in nearby areas.

From its initial enrollment of 108 students 91 years ago, Elon College has grown steadily, reaching an enrollment of more than 2,500 students. The creation of a broad range of academic and student life programs, the development of an excellent faculty and an able administration, and the loyalty and commitment of the parent church, alumni and friends account for the growth of the College.

The College operates on a 4-1-4 academic calendar, which provides a four-month fall semester ending prior to Christmas holidays, a one-month winter term, and a four-month spring semester. During the one-month term, the student takes only one course, providing an opportunity for concentrated work, innovative teaching, experiential courses, and intensive study. During this time,

the College operates a Study Abroad Program in Europe. A two-term Summer School and an Evening Program complete the calendar.

The life of the College community revolves around the faculty and the students, the curriculum, and the resources of the College.

Faculty members of Elon College are dedicated teachers, many of whom have expressed their satisfaction with the College through long years of service. They have been chosen because of their academic preparation, individual initiative, and commitment to the teaching profession. The educational background of the faculty, more than sixty percent of whom have earned doctorates, is represented by undergraduate and graduate degrees from many outstanding institutions.

Elon College students in 1979 came from 25 states and 11 foreign countries. Slightly more than half of the students are men, and the student body includes several racial and socio-economic groups. Elon College admits students of any race, color, sex, and national or ethnic origin without discrimination. This diversity enriches the life of the community and reflects the nature of American society itself.

Students at Elon College live and learn through student life and academic programs. There are many opportunities for students to pursue particular interests through a broad range of activities and student life programs which enable them to find a personal identity and refine their social skills, broaden their perspective and create lifetime friendships.

The academic program is equally rich and diversified. Several different degree programs and numerous major fields of study are available to give the student enrichment and conceptual skills in the liberal arts while also providing fields of study to prepare him for a specific professional career.

## History

To provide a quality undergraduate education has been the mission of Elon College since its founding by the Christian Church in 1889. Two schools were forerunners of Elon College: The Graham College, established in 1851 at Graham, North Carolina; and the Suffolk Collegiate Institute, established in 1872 in Suffolk, Virginia. The Southern Christian Convention, now a part of the United Church of Christ, voted in 1888 to establish Elon College.

The site of the new college was known as Mill Point located four miles west of Burlington, North Carolina. In its early years Elon endured many tribulations. The student body was severely reduced during World War I, and a major fire in 1923 destroyed most of the campus buildings. Within three years a new campus arose from the ashes. The five central buildings, including Alamance, were built at this time. The great depression and World War II created many problems for the College.

The decades following the Second World War were years of physical growth and academic development. New buildings went up as enrollments increased and the College expanded beyond its brick walls. Students from half of the states in the Union, as well as foreign countries, gave the College a regional complexion. The faculty increased to more than 100, teaching in 26 major fields offering four baccalaureate and two associate degrees. Elon's seven presidents have provided the leadership essential for this progress.

Historically the College has played a significant role in teacher education. A program of instruction and experiences designed to prepare teachers continues to be a major objective of the College.

Although there have been many changes through the years, Elon remains church-related rather than church-controlled. It has held in high esteem its commitment to general Christian principles and values as an appropriate foundation for the development of human personality and social order.

## **The Mission of Elon College**

Elon College offers men and women a liberal arts education to enrich them as human beings, and it offers programs in career-oriented fields to prepare them for specialized work. All of the programs at Elon are periodically evaluated by accrediting agencies to insure that appropriate standards of quality are maintained. Students are provided opportunities to develop those skills and sensitivities which encourage a reflective approach to both personal life and professional career.

In addition, Elon College senses a special responsibility to the community in which it is located. Thus, it provides to citizens of the area opportunities for cultural and educational renewal in a setting where religious and human values are respected.

In accordance with the provisions of the Charter, it is the aim of Elon College to give all students the opportunity to acquire:

1. A philosophy of life which is founded upon and motivated by the beliefs and spiritual values of the historic Christian Church, and which will be reflected throughout life in terms of a sense of personal integrity, high ethical standards, wholesome attitudes, and significant religious insights and devotion.
2. An understanding of their responsibilities and rights as citizens in a democratic culture, and a recognition of the intrinsic worth of all individuals.
3. An intelligent awareness of world cultures, conditions, events, and issues.
4. A love of learning sufficient to promote continued intellectual and cultural growth which comes out of sharing in an invigorating intellectual and cultural climate during their college career.
5. A basic knowledge in the humanities, natural sciences, and social sciences, and an appreciation of the mutual relationships existing among these areas.
6. An understanding of the content and an achievement of competence in the procedures of at least one field of knowledge as preparation sufficient for graduate or professional study.
7. The ability to think critically, logically, and creatively, and to communicate effectively by means of the written and spoken language.
8. A sensitivity to esthetic values through experience and study in the fine arts and through opportunity to develop competence and excellence in the performing arts.
9. A knowledge of the principles of health and physical fitness, and skills useful for participation in wholesome recreational activities.
10. A recognition of their own abilities and aptitudes through counseling and guidance in the choice of an appropriate vocation.

## **Campus and Buildings**

The Elon campus is beautiful, spacious, and rich in stalwart native oak trees. It is designed and equipped to serve its living and learning community. Buildings housing the classrooms and laboratories have been extensively renovated and new equipment and furniture have been provided. The McEwen Dining Hall, William S. Long Student Center, Iris Holt McEwen Library, Harper Center, and nine residence halls have been constructed since 1956. Completed in 1970 were a new office-classroom building and a new physical education facility, which

includes an Olympic-size swimming pool. The present living and dining facilities serve a resident student body of approximately 1,200.

*Alamance Building* houses administrative offices and classrooms. Citizens of Alamance County contributed the money to build this structure after the old administration building was destroyed by fire in 1923. The Alamance Building was extensively renovated in 1967.

*The Alumni Memorial Gymnasium* was built in 1949 by former students as a memorial to Elon alumni who lost their lives in two World Wars. It seats 4,500 for basketball games. The 25,000 square feet of floor space houses offices, classrooms, dressing and shower rooms for both men and women, laundry room, storage room, and a playing floor area large enough for three intramural basketball games to be played at the same time.

*The Athletic Field* consists of 50 acres of practice and playing fields, situated around the campus. There is adequate space for all sports.

*John W. Barney Hall* houses 54 men students. This three-story brick building was named in memory of John W. Barney, who was a member of the Elon College faculty for 33 years.

*Ned F. Brannock Hall*, housing 48 men students, is a three-story brick structure named in memory of Dr. Ned F. Brannock, a member of the Elon College faculty for more than 50 years.

*Carlton Building*, renovated in the summer of 1973, was the gift of three trustees of the College, P. J. Carlton, H. A. Carlton and L. E. Carlton, and their sister, Mrs. J. Dolph Long. This structure houses the music and art departments, classrooms, a rehearsal hall, and faculty offices.

*Carolina Hall*, erected in 1956, houses 126 women students. Congregational Christian Churches in North Carolina pledged the funds for this three-story brick building.

*Crumpton Center*, beautiful old plantation and former home of trustee Dr. J. L. Crumpton, located 35 miles from campus, was donated in 1974 by Dr. and Mrs. Crumpton, both alumni of the College. The Center is used by faculty, trustees and students for seminars, retreats, workshops and special meetings.

*Duke Science Building* has modern scientific equipment and laboratory apparatus. It houses the Departments of Physics, Biology and Chemistry. In memory of their mother, Mrs. Artelia Roney Duke, J. B. Duke and B. N. Duke contributed to the cost of erecting this building which was renovated in 1966.

*East Building*, formerly the Elon College Middle School, was acquired by the College in 1978. It is used for maintenance storage and central receiving. It also houses offices of the director of physical plant, executive housekeeper, security, and director of mail services. A gymnasium, dance studio and wrestling room complete the facility.

*Fraternities and Sororities* are housed in several off-campus residences owned by the College.

*A. L. Hook Hall*, housing 48 men students, was named in honor of Dr. A. L. Hook, who has been a member of the Elon College faculty for more than 50 years. Built in 1966, it is a three-story brick residence hall.

*The B. Everett Jordan Gymnasium*, named in honor of the late Senator B. Everett Jordan and completed in 1970, contains the Vance Beck Olympic-size swimming pool, physical education teaching gymnasium, human performance laboratory, handball court, weight training room and offices and classrooms.

*The John Koury Field House* was constructed in 1980 through the generosity of Ernest and Maurice Koury in memory of their father. The building provides dressing facilities for Elon's football and baseball teams as well as a modern





- |   |   |
|---|---|
| 1. Elon College Community Church          | 14. Smith Hall (men)  |
| 2. McEwen Dining Hall                     | 15. Carolina Hall (women)                                     |
| 3. Iris Holt McEwen Library               | 16. Barney, Brannock, and Hook Halls (men)                    |
| 4. Sloan Hall (men)                       | 17. President's Home  |
| 5. Virginia Hall (women)                  | 18. Athletic Fields   |
| 6. West Hall (women)                      | 19. Alumni Memorial Gymnasium                                 |
| 7. Carlton Building                       | 20. B. Everett Jordan Gymnasium                               |
| 8. Whitley Auditorium                     | 21. North Hall (men)  |
| 9. Alamance Building (information)        | 22. Lake  |
| 10. William S. Long Student Center        | 23. Staley Hall (women), Moffitt Hall (men),<br>Harper Center |
| 11. Caroline Powell Building (admissions) | 24. Tennis Courts   |
| 12. Duke Science Building                 | 25. Newsome Field   |
| 13. Mooney Building                       |   |

training room, laundry and coaches dressing room. The fieldhouse is located just north of the Newsome Baseball Field.

*William S. Long Student Center*, constructed in 1966, houses the campus shop, the varsity room, the health service, lounges, meeting rooms, student government offices, a listening room, a photography lab, and game rooms. The building was named in memory of William S. Long, first president of the College.

*McEwen Memorial Dining Hall*, completed in 1956, was built as a memorial to James H. McEwen, long an industrial and civic leader in Burlington.

The first floor accommodates more than 400 students in a modern and attractive cafeteria and also contains a smaller dining room for special luncheon meetings. On the second floor is a large banquet room which is used for luncheon meetings, dinners, receptions, social gatherings, dances, exhibits, and other events, and is large enough to accommodate 450 persons.

*Iris Holt McEwen Library*, completed in the summer of 1968, is fully air conditioned and carpeted. Open stacks contain a well-rounded collection of 150,000 volumes. Approximately 10,000 government documents have been added to the collection since the library became a government depository in 1971. It has also housed the national library and archives of the American Theatre Organ Society since 1974. This facility will seat 580 and has multiple reading areas, an art exhibit area, 276 private study spaces, an historical documents room, and phonographs and tape players.

The Spence Collection, which was the former Stratford College Library, was given to the College in 1975 in honor of Royall H. Spence, Sr. by Mrs. Spence and his children, Mary Spence Boxley, Dolly Spence Dowdy and Royall H. Spence, Jr. McEwen Library ranks as the fourth largest among private colleges and universities in North Carolina.

*Mooney Christian Education Building* was given to Elon by M. Orban, Jr., in memory of his father-in-law, the Reverend Isaac Mooney. This building, remodeled in 1967, houses faculty offices, classrooms, the Learning Resources Center, and a recital hall.

*Newsome Field* is a modern baseball stadium donated in 1977 by Webb Newsome, a member of the class of '37, and his wife, Jessie Cobb Newsome, class of '36. A member of the Elon College Sports Hall of Fame, Webb Newsome was outstanding in baseball, football and boxing while at Elon.

*North Building*, located near the Harper Center, houses men students.

*The Caroline Powell Building*, named in honor of Miss Caroline Powell, was completed in 1970. It contains classrooms, faculty offices, and administrative offices.

*The Power Plant* provides heat for the entire College. It is situated just north of the highway which passes the campus.

*The President's Home*, constructed in 1963, is located at 301 East Haggard Avenue.

*Sloan Hall*, a three-story brick structure housing 80 men students, was named in honor of Dr. W. W. Sloan and Bessie Pickett Sloan, members of the Elon College faculty for 25 years.

*Leon Edgar Smith Hall* is a three-story brick residence hall erected in 1957 to house 126 men students. The building was named for Dr. L. E. Smith, former President of the College.

*Staley Hall, Moffitt Hall, Harper Center and Harden Dining Hall* were completed in 1968. Staley Hall houses 200 women, and Moffitt Hall 100 men. The two residence halls are joined by Harper Center, which contains a lounge, the College radio station, a recreation area, and Harden Dining Hall. These buildings were named in memory of Dr. W. W. Staley, Dr. E. L. Moffitt, and Dr. W. A. Harper, three past presidents of Elon College, and are located north of the main campus, beyond the gymnasium.

*Virginia Hall*, a three-story modern brick structure erected in 1956, houses 80 women students. Congregational Christian Churches in Virginia pledged the money to pay for this residence hall.

*West Hall* is a three-story brick structure adjacent to the Carlton Building. The first floor contains a large reception hall, guest rooms and parlors, and living quarters for resident hostesses. Sixty-eight women students are housed on the second and third floors.

*Whitley Memorial Auditorium*, extensively renovated in 1972, has a seating capacity of approximately 500. Teaching and practice studios of the Fine Arts Department are located in the rear of this building.

## Accreditation

Elon College is accredited by The Southern Association of Colleges and Schools.  
Member of:

The American Council on Education  
The Association of American Colleges

The American Association of University Women  
 The North Carolina Association of Colleges and Universities  
 The North Carolina Association of Independent Colleges and Universities  
 Independent College Fund of North Carolina  
 The Council for Higher Education of the United Church of Christ  
 National Commission on Accrediting  
 American Assembly of Collegiate Schools of Business

## Visitor's Information

Visitors to the College are welcome at all times. The administrative offices are open Monday through Friday from 8 a.m. until 5 p.m. The admissions office is also open on Saturday from 8:00 a.m. until noon. Administrative officers and members of the faculty are available at other times by appointment made in advance.

## Travel Information

Elon College is in the town of Elon College, N. C., a community adjacent to Burlington, 17 miles east of Greensboro, and 64 miles west of Raleigh. It is accessible to airline services at Greensboro. It is also served by Carolina Trailways, which affords bus service to all parts of the country. The telegraph address is Burlington and the College is served by the Burlington telephone exchange. The number is 584-9711, Area Code 919.



## Academic Sessions

The College's academic year is divided into a 4-1-4 calendar. The fall semester is a four-month term, ending prior to Christmas holidays, followed by a one-month winter term and a four-month spring semester. During the one-month term opportunities are offered for travel and study abroad in addition to specialized courses on campus. Evening classes and a summer school of two terms of five weeks each are offered on a regular basis.

The calendar is designed to meet the needs of the following persons: (1) full-time students who plan to complete degree requirements within four years, (2) part-time students who must also be gainfully employed, (3) high school seniors who wish to take one or two college-level courses, and (4) members of the community who desire further educational work in day or evening classes.

Summer school serves the above purposes, plus providing an opportunity for new students or students enrolled in other colleges to accelerate completion of degree requirements.

The College offers workshops and seminars throughout the year.

A full schedule of evening and weekend classes provides maximum flexibility for students.

A wide variety of non-credit courses is offered throughout the year by the Office of Continuing Education.

For information on all academic offerings, contact the Admissions Office.

## Summer School

Summer School is an integral part of the instructional program of the College with courses carefully selected from those taught in the regular academic year. Instruction is by regular members of the faculty. Most classes are held in air conditioned classrooms.

There are two summer terms of five weeks each and students may attend either or both terms. Six semester hours are considered a full course load for each.

In general, admission and degree requirements, administrative regulations, student self-government and honor systems are basically the same for the Summer School as for the regular academic year.

## Special Summer Programs

### Elon College National Brass Clinic

Instrumental methods are taught to junior and senior high school students and band directors. The Clinic is held annually in June. Nationally known brass clinicians Dr. Renold Schilke and Dr. Charles Colin are among the instructors.

### Study-Tour Courses

Study-tour offerings include Biology (coasts of North Carolina and Florida) and North Carolina history.

### All-Sports Camps

Basketball (for both boys and girls), baseball, golf, volleyball, cheerleading, football, tennis, gymnastics, and swimming camps are held for elementary, junior, and senior high school students.

## Special Academic Programs

Elon offers various programs for those people with special needs and qualifications.

### Academic Advising Center

Provides assistance of professional academic advisors for all students.

Provides opportunity for students to meet faculty members from the various disciplines.

Helps students explore and evaluate choices of Major and Minor fields of study.

Assists students with class schedules and other academic issues.

### Academic Honors Program

Provides opportunity for academically talented students.

Encourages Independent Study and Research Courses.

Develops Academic Enrichment and Honors Courses.

Allows enrollment by academic performance and interest.

Assists students interested in graduate study.

### Academic Skills Program

Assists students in understanding the basic concepts of reading, mathematics and communication skills.

Gives small group instruction.

Offers individual assistance by tutors and self-paced programs through the Learning Resources Center.

Is offered in regular and summer sessions.

### Career Oriented Programs

Provides opportunities for students to elect career-oriented fields such as Allied Health, Business Administration, Human Services, Public Administration, Recreation Administration, Teacher Education, Journalism, Radio Broadcasting, Commercial Leisure and Sports Management.

### Continuing Education

Designed to encourage adults to return to college for further study.

Provides special classes.

Offers special "preview privilege" for first-time non-traditional students.

Conducts re-entry seminars for adults interested in entering college.

Offers a wide variety of non-credit courses throughout the year.

### Cooperative Education

Provides opportunities for the student to combine academic classroom studies with related practical experience in the world of work for compensation and academic credit.

Includes many major fields.

Gives career training.

Enhances student's employability in major field.

Available in government, social services, professions, and business.

### Direct Transfer

#### *Community College or Junior College*

Offers graduates of a college parallel program from an accredited junior college, community college or technical institute full credit with a direct transfer of up to 65 semester hours of work toward a *Bachelor of Arts* or *Bachelor of Science* degree.





*Community College or Technical Institute*

Offers graduates of a technical or vocational program from an accredited community college or technical institute full credit with direct transfer of up to 65 semester hours of work toward a *Bachelor of Applied Arts* or *Bachelor of Applied Science* degree.

**High School Credit Bank Program**

Makes it possible for the student to have sophomore standing at the time of college entrance through completion of two Elon summer school sessions of two courses each and two courses at Elon during each semester of the high school senior year.

**Internships**

Provide opportunities for the student to combine academic classroom studies with related practical internship experience.

Include many major fields.

Give career training.

Enhance student's employability in major field.

Available in government, social services, schools, health fields and business.

**Learning Resources Center**

Provides computer assisted instruction.

Enables courses to provide audio-visual resources for classroom use.

Makes available self-paced learning programs to accelerate or catch up.

**Military**

*Project Ahead* — (Army Help for Educational Development)

Opens doors for those people who have not entered or completed college.

Grants admission to eligible applicants at time of entry into armed services.

Grants credit for USAFI, previous college work or technical institutes, CLEP, and/or service experience according to ACE Guidelines.

Offers built-in financial assistance.

*Bootstrap*

Offers degree programs to military personnel on educational leave.

Offers transfer credit for USAFI, CLEP, previous college or technical institute work, and/or service experience according to ACE Guidelines.

Offers built-in financial assistance.

*ROTC*

Offers military science program leading to commission in U.S. Army upon graduation.

Offers flight training leading to private license.

Offers built-in financial assistance and special scholarship programs.

*Credit for Veterans*

Offers military personnel on active duty opportunity to submit CLEP credit by contacting their Education Officers or USAFI in Madison, Wisconsin, for testing.

Accepts credit for USAFI courses taken while in service.

Transfers work completed at other accredited post-secondary institutions.

Accepts service experience for physical education and health requirements.

**Minor Fields**

Provide support for study in related areas.

Allow concentrations to broaden base for graduate work or employment opportunities.

Should be designed in consultation with faculty adviser.

**Multiple Majors**

Provide flexible, innovative programs.

Enhance capabilities for keeping up with rapid changes in business and professional fields.

Help students to make good use of electives in completing degree requirements.

Should be designed in cooperation with faculty adviser.

**Study Abroad**

Study-tours are scheduled as desired or needed to enhance a program and give students an opportunity to learn first hand from other countries and cultures. Tours are traditionally scheduled for the winter "mini-term" and summer session.

# Student Life, Services, and Organizations



## Student Life

Elon is committed to educating the whole person. This is a place for learning — but not all learning is in books.

Student life is more than classrooms, laboratories, study desks and libraries. Experiences in the residence halls, service organizations, Student Government, the Student Center, spontaneous social groups, and on intramural teams are critically important in the student's total development.

Through the many opportunities the College makes available throughout the year, the student can develop important insights about genuine communication, self-government, liberty, trust, honor and critical judgment. Programs designed by well-qualified faculty, staff and students provide — in the residence halls, on the playing fields, at the controls of the FM radio station, at Student Senate meetings, and in the classroom — opportunities for the student to develop an adequate self concept, a sense of career, a philosophy of life, and sound ethical and moral principles.

Students are encouraged to participate in those co-curricular and extra-curricular activities that interest them or are complementary to their academic programs.

## Student Personnel Services

*Counseling Service.* The College maintains a Counseling Service staffed by administrators and specially selected and trained students. This Service is designed to assist students with personal and vocational decisions. Students desiring assistance are urged to consult members of the Service.

*Personal Counseling.* Counselors are available twenty-four hours a day and are responsible for providing every possible kind of help to each resident student. In each residence area there is an Area Coordinator. In addition, within each residence hall there is a staff of Resident Counselors.

Supporting the residence hall staffs are personnel associated with the Office of Student Affairs and the Counseling Office. Identifying and meeting problems at an early stage offer a greater likelihood that genuine help can be given. Therefore, students are urged to make their needs known to any person or persons associated with the Counseling Service.

*Career Planning and Placement.* The Coordinator of Career Planning and Placement assists students in their choice of profession. Through testing programs the student is encouraged to explore fully all possible job opportunities. As he passes through this process, emphasis is placed upon "life planning" so that career choice fits personal interest, ability, talent and job availability.

The Coordinator also assists seniors and alumni in finding employment after graduation. Visiting representatives from industry, business, education, and government interview candidates on campus. With written permission from student or graduate, credentials are made available to prospective employers on a confidential basis. No charge is made for this service with the exception of a fee connected with the sending of official College transcripts.

*Health Service.* The College maintains a Health Service. Located in William S. Long Student Center Building, it is open during regular hours each class day. The medical fee, which is included in the general fee, covers all emergency, clinic, and routine nursing services, and treatment by the College Physicians. This fee does not cover cases in which a physician, other than a College Physician, is called.

All students must present evidence that they are covered by health insurance.

An opportunity to purchase a health insurance policy is provided to all full-time students.

*Campus Living.* Residence halls are modern and attractive. Each room is furnished with single beds, bureaus, desks, and chairs. The student brings pillow, pillowcases, sheets, blankets, bedspreads, towels and such other articles as a wastebasket, rugs, and lamps. Residence halls open 2:00 p.m. the day before registration each semester. They are closed during Thanksgiving, Christmas, Spring, and Summer vacations. Rooms will be vacated and residence halls are locked no later than 4:00 p.m. on the day classes end before these vacation periods. Provided on-campus housing space is available, all students are required to room in the residence halls unless they are living with their parents, relatives, or spouses. The College assists students in finding off-campus housing, but it cannot serve as an intermediary in any way between the student and his landlord.

Students have access to laundry facilities on campus.

Meals are served in the College dining halls, which are opened for the evening meal before the first day of registration and closed after the noon meal on the last day of final examinations. For vacation periods, they are closed after the noon meal of the last day of classes and opened with the evening meal the day before classes are resumed.



*Commuter Students.* Programs designed to meet the particular needs of commuter students are offered through the Office of the Coordinator of Commuter Activities who works in cooperation with a special student advisory committee. Weekly meetings, discussion groups, "Lunch Talks," special projects, counseling, and other activities form part of the commuter student's experience. Car pool information and off-campus housing listings are also available in the commuter student office.

## Freshman Orientation

Freshman Orientation is held immediately prior to the opening of the Fall Semester. All entering students are expected to participate in the program which is designed to assist in preparing for the beginning of the College experience. Orientation features the use of small group activities as well as academic advising, testing, registration, lectures, and social activities.

## The Student Center

Social activities at the College are largely planned and coordinated by the College Union Board which is advised by the Coordinator of Student Activities and composed of students. An extensive program of social, recreational, club, and special interest activities is carried out during the year. Among these are movies, folk entertainment, travel groups, special theme parties, intramurals, and drama activities. In addition, the Entertainment committee of the SGA sponsors weekend concerts several times a year.

## Student Government

Representing the interests of the Elon student body is the Student Government Association (SGA). It enjoys the full support and cooperation of the faculty and staff of the College. Projects and proposals dealing with social, cultural and academic life are promoted by the SGA President and the Student Senate.

In addition, House Governments, designed to provide self determination in each residence hall, carry out important student governing functions. Finally, students play a direct role in academic and social policy-making through voting membership on numerous College committees.

## Honor System

At the heart of campus life is the Honor System, initiated by the student body and approved by the faculty and the Board of Trustees of the College. This system is a code of student living under which it is assumed that all students will conduct themselves as ladies and gentlemen.

The Honor System consists of two codes — the Honor Code and the Campus Code. Under the Honor Code the student is on his honor to be honest and truthful. Under the Campus Code the student is bound to be a lady or a gentleman and to conduct herself or himself as such at all times. He or she is expected to see, insofar as possible, that fellow students do likewise. A full description of the Honor System and of the Rules and Regulations pertaining to campus life is found in the *Elon Student Handbook*.

## Religious Life

Voluntary religious services are held during the academic year. The Elon College Community Church, just off the campus, is affiliated with the United Church of

Christ and open to all students for worship. Most denominations have churches within a few miles of the campus. Groups meet regularly for Bible study, group discussions, service projects and social activities.

## Cultural Life

Each year a variety of programs is offered for the cultural and intellectual enrichment of campus life.

The Lyceum Series brings outstanding artists and performers to the campus during the year.

The Liberal Arts Forum, sponsored by the Student Government Association, schedules a number of lectures and presents an annual Spring Symposium.

A number of distinguished scholars in various fields are invited to the campus each year to provide lectures and seminars for the enrichment of the academic program.

There are also recitals in Whitley Auditorium by members of the Music Department faculty and advanced students in music. Several band and orchestra concerts are scheduled. Each year before the beginning of the Christmas holidays, the Elon Choir presents Handel's oratorio, *Messiah*.

Plays presented by Elon students and by visiting drama groups are also a feature of the College's cultural offerings.

## Greek Organizations

There are 10 social fraternities and sororities at Elon. A number of these occupy College-owned houses. Fraternities include Tau Kappa Epsilon, Kappa Alpha, Kappa Sigma, Sigma Phi Epsilon, Sigma Pi, and Pi Kappa Phi; sororities are Zeta Tau Alpha, Sigma Sigma Sigma, Phi Mu, and Alpha Sigma Alpha.

## Honor Societies

*Alpha Chi.* The objective of this national scholastic society is the stimulation, development, and recognition of scholarship and those elements of character that make scholarship effective for good. To be eligible for membership, a student must be a junior or senior, must be of good standing, and must have distinguished himself by academic accomplishments of a high order.

*Beta Beta Beta.* The objective of this national honor society is to recognize scholastic achievement in the Biology program.

*Epsilon Beta Epsilon.* The objective of this honor organization is to recognize scholastic achievement by majors in economics and business courses.

*Omicron Delta Kappa.* This national society recognizes students, faculty, alumni, and outstanding citizens for exemplary character, scholarship and intelligence, service and leadership in campus life, good citizenship within the academic and larger community, fellowship and consecration to democratic ideals. Its purpose is to encourage them to continue in these endeavors and to inspire others to strive for similar conspicuous attainment.

*Phi Alpha Theta.* The objective of this national honor society is to recognize scholastic achievement in the History program.

*Pi Gamma Mu.* The North Carolina Alpha chapter of Pi Gamma Mu, National Social Science Honor Society, was chartered in 1929 and is one of four in North Carolina. Pi Gamma Mu is a member of the Association of College Honor Societies. Student and faculty members who attain distinction in the social sciences at Elon are eligible for nomination into membership. Nominations usually are made twice a year.

*Sigma Sigma Epsilon.* The objective of this honor organization is to recognize scholastic achievement in the Secretarial Science programs.

## Service Organizations

*Elon Collegiate Civinettes.* The Civinettes are a service club sponsored by the Burlington Civitan Club. They provide service to the College and community through projects on and off campus.

## Who's Who

A committee composed of members of the faculty, administration, and student body each year elects students to be listed in the national publication *Who's Who in American Colleges and Universities*. Selection is made on the basis of scholarship, participation and leadership in academic and extra-curricular activities, citizenship and service to the College, and promise of future usefulness.

## Athletics

*Intramurals.* The purpose of the intramural program is to give all students an opportunity for healthful activity and recreation. Both men and women participate in football, racquetball, volleyball, co-rec volleyball, water polo, badminton, tennis, basketball, and softball.

Winning teams and individuals are awarded trophies in all sports.

The Intramural Council, composed of representatives of all social clubs, dormitories, and the commuter student group, is an advisory group for the Director of Intramural Programs and his staff and works to promote the program.

*Intercollegiate.* A member of the Carolinas Intercollegiate Athletic Conference, the South Atlantic Conference, the National Association of Intercollegiate Athletics, and the Association of Intercollegiate Athletics for Women, Elon has teams which compete with other colleges in football, basketball, wrestling, baseball, tennis, golf, track, soccer, women's volleyball, cross country, women's basketball and women's softball.

## Student Organizations

*Class Organizations.* Each class has its own organization and elects its officers and representatives to the Student Government each year.

*Elon Band.* The Elon College Band is composed of three units: the Marching Band; the Concert Band; and the stage band, the Emanons of Elon. Two of the credit hours in Marching Band may be substituted for the requirement in physical education. Membership in the band is open to all members of the student body.

*The Elon Choir.* The Elon Choir, the student mixed chorus, presents concerts of sacred and secular music at the College and in various communities in North Carolina and other states and sings for College convocations and vesper services. Membership, which gives one credit hour a semester, is open to all students.

*Elon College Fellowship.* The ECF is open to all students who wish to participate in regular sessions for prayer, Bible study, and informal discussion aimed toward the development of a Christian lifestyle.

*Elon College Community Orchestra.* The College-Community Orchestra is made up of students and townspeople who enjoy active participation in a

symphony-type musical organization. Weekly rehearsals are held, with full-length concerts given in the fall and spring and other appearances at such occasions as the annual presentation of Handel's *Messiah*. One credit hour a semester is granted student participants.

*Sigma Alpha Mu.* This is a club open to all students in Business Administration or related fields. Its purposes are to sponsor programs for the betterment of all students and to promote the business, social, and economic welfare of the individual members of this organization.

*Departmental Groups.* In addition to the above-named organizations, there are the following departmental groups: the Business Students Communications Committee, the Student Chapter of the Music Educators National Conference, the Student Chapter of the North Carolina Music Teachers Association, and the Student National Education Association. These clubs are active in promoting the interests of their respective departments.

*The Elon College Gospel Choir.* This group provides musical performances on campus and in area churches.

*The Fellowship of Christian Athletes.* Founded by athletes, this group is open to all students who are interested in regular gatherings for spiritual revitalization.

*Elon Drama Club.* This club is open to anyone on campus and is dedicated to the production of plays during each year.

## Communications Media

*The Board of Student Communications Media.* The Board is composed of students and members of the faculty and administration. It advises, guides, and encourages all student media on campus.

*Communicator.* The College publishes a weekly newsletter containing information of general interest to members of the student body, faculty, and administration.

*Elon Colonnades.* This is the College literary magazine. It is published by students interested in creative expression, both verse and prose.

*The Pendulum.* The College newspaper, the *Pendulum*, is published weekly by a student staff.

*Phi Psi Cli.* The College yearbook is edited by members of the student body. Its name, *Phi Psi Cli*, commemorates the three former literary societies.

*Radio Station.* WSOE-FM, the campus radio station, operates each day and is manned primarily by students. The station broadcasts from a modern facility in Harper Center.

## Traditional Events

*Alumni Day.* This day is one of the highlights of the year and the time for class reunions. The Alumni Association honors its outstanding alumnus of the year at the Alumni Banquet.

*Founders Day.* A convocation honoring the founders of Elon College is held in the spring of the year.

*Greek Weekend.* A time for relaxation, competition, and fun is sponsored each spring by Greek letter organizations. Contests of various kinds — tug of war, potato sack races, chariot races, dance competition, and skits — are presented with prizes awarded to the winners of each category.

*Homecoming.* Homecoming takes place in the fall, bringing back to the campus many former students. Entertainment includes golf and tennis tourna-

ments, a football game, and the homecoming dance. Students take great pride in decorating the campus for the occasion. Awards are made for the best decorations.

*Parents Weekend.* At some time during the year parents are invited to visit the campus and participate in several events planned especially for them.

*Spring Weekend.* Each spring the students plan a weekend of social activities centering around concerts by well-known music groups.





## Awards

*The Basnight Awards.* Given in memory of the late Stein H. Basnight of Chapel Hill, N. C., by his family, to the (1) Outstanding Biblical Student and (2) Outstanding Athlete.

*Robert C. Browne Memorial Sportsmanship Award.* Established in memory of Robert C. Browne, an alumnus of the College, by his sister, Pretto Browne Crumpton, and her husband, Dr. J. L. Crumpton. The award is presented annually to the Elon College athlete who has best displayed the qualities of sportsmanship during the year.

*English Scholar of the Year.* Awarded to the rising senior English major who, in the opinion of the English faculty, has best demonstrated superior qualities of scholarship and character during this school year. Donations from members of the English faculty provide for this award annually.

*Human Services Award.* Awarded to the senior Human Services major who, in the opinion of the Human Services faculty, has most clearly demonstrated high academic achievement and superior qualities of character and service.

*W. L. Monroe Christian Education and Personality Awards.* In memory of Dr. W. A. Harper and Dr. John G. Truitt. A trust created by the late W. L. Monroe, Sr., Class of 1918, provides two cash awards to the recipients. Emphasis is placed upon citizenship, modest economic background, qualities of good common sense, desire to help others and the improvement of the whole person.

*Pi Gamma Mu Scholar Award.* Presented by the North Carolina Alpha Chapter of Pi Gamma Mu, National Social Science Honor Society, to the outstanding student in the division of the Social Sciences.

*The Shackley Awards.* Two awards given by the late Dr. George Shackley of St. Petersburg, Florida, to the (1) student showing most improvement in piano during the year (2) student showing most improvement in organ during the year.

*The Marcella Rawls Saecker Award.* This award, in memory of Mrs. Marcella Rawls Saecker, Class of 1942, is presented to a senior girl whose citizenship best exemplifies the goals and philosophy of Elon College.

*Ella Brunk Smith Memorial Fund.* This endowment fund was established in memory of the late Ella Brunk Smith by her husband, Dr. L. E. Smith, fifth president of the College. The income from the fund is used to provide a cash award each year to the young lady who, in the judgment of the faculty upon recommendation of the Department of Religion, has made the greatest contribution to the moral and religious life of the campus.

*Dudley Ray Watson Memorial Award.* Awarded to the outstanding senior at Elon College majoring in Business Administration. This award is sponsored by the Elon Chapter of Sigma Alpha Mu.

# Admissions, Finances, and Financial Aid



## Admission Procedures

Elon College operates on the Rolling Admissions Plan — completed applications are acted upon and candidates notified within two to four weeks. Admission is based on the high school record and class rank, SAT or ACT scores, recommendations and, in the case of transfer students, previous college work and recommendation. While a personal interview is not necessary, it is helpful both to the prospective student and to the College.

Elon College admission packets are available from many high school guidance offices or directly from the Admissions Office of the College. Completed applications should be returned with a non-refundable \$10 application fee and transcripts of all high school credits and any post secondary work attempted.

Degree candidates and special students must satisfy the Committee on Admissions as to intellectual promise, and emotional and social stability.

Admission generally requires no fewer than the following number of units of high school credit:

English 4

Math 2 (Algebra I & II or Algebra 1 & Geometry)

History 1

One Foreign Language 2

Science 1

## Entrance Examinations

Applicants for admission to Elon College are required to submit their scores on the Scholastic Aptitude Test of the College Entrance Examination Board or the American College Test of The American College Testing Program. For either test, scores should be sent directly to Elon College.

Application blanks, lists of testing centers and dates, and rules on applications, fees, reports, and the conduct of testing are available in most high school guidance centers in the United States.

## Acceptance On Condition

Students who have been graduated from a secondary school but do not meet the requirements in subject matter areas and units may be accepted on condition. The deficiency must be removed at Elon before the beginning of the sophomore year. Students entering with a deficiency may not be able to complete degree requirements in eight regular semesters.

Students whose deficiencies indicate a need for special work may be required by the Admissions Committee to participate in the Academic Skills Program. Upon successful completion of this work and recommendation by the Academic Skills Program Coordinator, the student may proceed with regular course work.

## Special Students

The College admits a limited number of special students. These include:

1. *Persons who wish only private music instruction* in the Department of Fine Arts. Such applicants are admitted if instructors are able to schedule lessons for them.

2. *Persons 21 years of age or older who are not high school graduates* or candidates for a degree but wish to take class work. Such applicants are accepted on the basis of maturity, seriousness of purpose, and background sufficient to do the class work desired.

3. *College graduates* who are interested in further study at the College. Such applicants are admitted if they fulfill the requirements for admission to the desired courses.

4. *High school students* who wish to take work on the Elon campus prior to and during their senior year. Credit for this work is generally transferable to other institutions. Sufficient credits may be earned to enable students to have sophomore standing prior to regular admission.

5. *High school students who wish to enter Elon at the end of their junior year* may submit an application for special consideration for early admission.

## Advanced Placement

Applicants for admission to freshman status may be placed in advanced classes in fields in which they have demonstrated superior ability and understanding. This is done by the Dean of Academic Affairs with the approval of the department chairmen.

## Credit by Examination

### Advanced Placement Examination

Students who earn a score of 3 or better in the Advanced Placement Tests of the College Entrance Examination Board taken at the high school during Spring of the senior year may receive credit in the following fields: Biology, Chemistry,

English, History, Mathematics, Physics. Scores should be sent to the Director of Admissions for approval by the Dean of Academic Affairs.

#### **College Level Examination Program (CLEP)**

Students who score in the 50th percentile or better on CLEP subject examinations may earn as many as 26 semester hours of credit in the following:

Accounting 211, 212; Biology 111-112; Chemistry 111, 112; Economics 211, 212; English 111, 112; History 111, 112, 211, 212; Mathematics 111; Psychology 211.

Scores should be sent to the Director of Admissions for approval by the Dean of Academic Affairs.

#### **American College Testing Proficiency Examination Program (PEP)**

Students who demonstrate proficiency in the PEP examination may earn college credit in the following:

American Literature 221, 222; Freshman English 111, 112; Accounting 211, 212; Education 211; Educational Psychology 321; Physical Education 120.

Scores should be sent to the Director of Admissions for approval by the Dean of Academic Affairs.

#### **Department Examination**

Students may contact the Dean of Academic Affairs for details concerning the process for credit through examination by departments at Elon in areas not covered above.

### **Transfer Program Information**

#### **Direct Transfer Program in Applied Arts and Applied Sciences**

- A. Bachelor of Applied Arts (for those who hold an Associate in Applied Arts)
- B. Bachelor of Applied Science (for those who hold an Associate in Applied Science)

NOTE: Students receiving an Associate Degree in a vocational or technical area from an accredited technical institution or community college may transfer all work up to and including 65 semester hours (or equivalent) for application toward a BAS or a BAA degree. However, the BAA in Early Childhood Specialist will not meet teacher certification requirements in North Carolina.

- C. Requirements for BAA or BAS Degree

1. A student will transfer his major.
2. He will complete general education distribution requirements at Elon College.
3. He will earn enough additional elective hours at Elon to equal the 126 required for graduation.

#### **Direct Transfer Program in Liberal Arts**

- A. Bachelor of Arts
- B. Bachelor of Science

NOTE: Graduates of accredited community colleges or junior colleges who hold an Associate of Arts or an Associate of Science Degree may continue

their education at Elon College and receive full credit for their study at the junior college level, with direct transfer of up to 65 semester hours of work.

C. Requirements for an AB or BS Degree

1. The student must complete the requirements for a major at Elon.
2. He will complete any general education distribution requirements necessary.
3. He will earn enough additional elective hours to equal the 126 necessary for graduation.

D. Transfer of Partial Credit (No Associate Degree)

Credit is given for satisfactory work in college parallel courses from any accredited institution insofar as it parallels the work at Elon. However, no credit is allowed for a course in which the grade is below that of "C," except in direct transfer.

**Transfer for Radiologic Technologists**

- A. Work leading to certification by the American Society of Radiological Technologists may be transferred to Elon College under the program in Applied Arts or Applied Sciences.
- B. The course may be completed in an accredited technical institute, community college, or hospital.
- C. The student must be eligible to sit for the National Board Exams or have completed and passed the exam. Certification by the board is a requirement for graduation at Elon.
- D. The student may complete the clinical work before or after attending Elon.

## **Credit for Veterans**

Veterans entering Elon may transfer certified credits from various areas.

1. Military personnel on active duty who wish to submit CLEP credits should see their Education Officers concerning CLEP tests or write to USAFI, Madison, Wisconsin.
2. USAFI courses taken while in the service may be accepted for credit.
3. Work for other accredited post-secondary institutions may transfer.
4. Service experience may be accepted for physical education and health requirements.

## **General Costs**

Elon College invests in the educational program for each student approximately the same amount that he is asked to pay for his college education. This is possible because of endowment funds and other sources of revenue.

The cost of attending Elon is reasonable. A dormitory student's tuition, room and board for the 1980-81 academic year is \$3,601.00 payable \$1,924.50 by August 8 and \$1,676.50 by January 2. For a commuter student, the cost of a year's tuition is \$2,230, payable \$1,185.00 by August 8 and \$1,045.00 by January 2. The student taking evening classes pays special rates per semester hour (see schedule on page 28). The estimated cost of books is \$200 to \$250 for the scholastic year, of which \$125 is needed for purchases from the bookstore at the opening of the fall semester.

Student Government Association and PIRG fees are collected from all full-time students during registration. The fees cover activities of these organizations.



These estimates do not include fees for special courses and special laboratory work, which depend upon the course of study undertaken, nor personal expenses, which vary with the individual student. For the student who must earn money toward his college expenses, there are a number of opportunities for work.

## Room Rent

Students changing rooms without permission of the dean are charged for both rooms. Student-owned furniture is not permitted in the residence halls.

## Costs Covered by Tuition

Included in the tuition fees are costs of registration, use of the library, recreation facilities, admission to college athletic events (at home), student publications, health service, post office box, laboratory fees, and 12 to 18 semester hours of work, inclusive each semester. No charge is made for band, orchestra or choir.

## Board Costs

All resident students are required to board in the College dining hall. The cost of board is subject to change without notice. Double charge is made for special diets.

Students living off Campus but enrolled as full-time students may eat in the College dining hall upon payment of board fees for each semester as determined by the Business Office.

## Expenses for 1980-81 Academic Year

DAY CLASSES	Fall	Winter	Spring
Full Time	Semester	Term	Semester
Tuition . . . . .	\$1,185.00*	**	\$1,045.00*
Board . . . . .	486.50	**	378.50
Room . . . . .	253.00	**	253.00
Student Government & PIRG Fees	20.00		20.00
Part Time			
One course, Fall and Spring, each semester hour . . . . .			40.00
One course, Winter, each semester hour . . . . .			50.00
More than one course, each semester hour . . . . .			60.00
High school students, each semester hour . . . . .			35.00

\*For a 12-18 semester hour load: extra hours at the rate of \$20.00 per semester hour, excluding credit for choir, band and orchestra. Full-time students enrolled in the Fall may attend Winter Term at no additional charge except tour costs.

\*\*For a student not enrolled full time in the Fall semester or who takes courses during the Winter Term only, tuition is \$50.00 per semester hour, and room and board is \$171.00, making a total of \$321.00 for a three-hour course. Dormitory students who re-enroll full time in the spring semester are given a credit of \$111.50 (3 sem. hrs.); commuter students \$80.00 (3 sem. hrs.). There are additional tour costs for the Study Abroad Program. Tour costs are not subject to discount or tuition remission.

**EVENING CLASSES**

Fall and Spring, first two courses

(7 sem. hrs. maximum), each semester hour . . . . . \$ 40.00

More than two courses, each semester hour . . . . . 60.00

Winter, each semester hour . . . . . 50.00

Combination of evening and day classes, each semester hour . . . . . 60.00

**SUMMER SCHOOL 1980**

For Each Term:

Tuition, each semester hour load . . . . . \$ 40.00

College Fees . . . . . 30.00

Room and Board . . . . . 209.00

Student Government Association Fee (for 6 semester hours) . . . . . 1.00

**OPTIONAL SPECIAL FEES** (applicable for specific services only as noted below)**Fine Arts Courses**

For extension and part-time students, special fees are charged for piano, organ, voice, band and orchestral instruments, and art courses. The fees for each semester are:

Two lessons each week in piano, organ, violin, voice, band, art . . . . \$145.00

One lesson each week in piano, organ, violin, voice, band, art . . . . . 90.00

**For Winter Term:**

Two lessons each week in piano, organ, violin, voice, band, art . . . . \$ 45.00

One lesson each week in piano, organ, violin, voice, band, art . . . . . 30.00

**Other Special Fees**

Auditing courses, each . . . . . \$ 30.00

Driver Training — P.E. 260 . . . . . 10.00

Golf — P.E. 105, P.E. 161, each course . . . . . 10.00

Art — Art 101, 102, 103, 104, 112, 311, 312, each course . . . . . 10.00

Art 111, 261, each course. . . . . 5.00

**Graduation, Diploma, and Certificate Fees**

Graduation . . . . . \$ 22.50

Diploma in piano, organ, voice, each . . . . . 10.00

Secretarial — one year . . . . . 6.50

Secretarial — two years, Associate in Arts, . . . . .

Associate in Science . . . . . 12.50

Medical Laboratory Technician — Associate in Science . . . . . 12.50

**Miscellaneous Fees**

Late Registration . . . . . \$ 10.00

Changing dormitory room after registration . . . . . 2.00

Transcript (no charge for initial transcript) . . . . . 2.00

Re-enrollment after removal from classes for failure to

pay accounts when due . . . . . 5.00

Failure to make account payments when due . . . . . 1.00

Caution deposit (includes key deposit) . . . . . 25.00

Examination for Course Credit . . . . . 25.00

Recording fee for CLEP or PEP examination . . . . . 10.00

Motor Vehicle Registration per year, non-refundable	
Residential students . . . . .	10.00
Commuting students . . . . .	5.00
Registration for each additional vehicle . . . . .	1.00
Duplicate I.D. Card . . . . .	5.00
Duplicate Meal Ticket . . . . .	5.00

A student's transcript may be withheld if his financial obligations to the College have not been fulfilled.

## Budget Payment Plans

The Insured Tuition Payment Plan of Boston, well-known in the educational fields, offers two convenient payment programs for persons who desire to budget the annual cost in monthly installments. Both programs include insurance protection which covers the balance of the cost of the entire educational program in the event of the death or disability of the insured parent.

1. The Prepayment Program begins before the first payment is due at the College and ends before graduation. This is not a loan plan, incurs no debt, carries no interest and is available at a small service charge.

2. The Extended Repayment Plan is a low cost loan program. It reduces monthly payments and spreads cost over a longer period of time.

For complete information, write to:

Richard C. Knight Insurance Agency, Inc.  
Insured Tuition Payment Plan  
53 Beacon Street  
Boston, Massachusetts 02108

Several banks, some savings and loan associations, and other financing institutions have developed plans to assist students and parents in financing an education. Parents who are interested in such plans and wish additional information should consult such private institutions. The College will be happy to render any possible assistance.

## Acceptance, and Room Reservation Fees

*All Resident Students.* To complete acceptance and to reserve a resident room, a deposit of \$125 is due within the time specified in the letter of acceptance. This deposit is credited to the student's account. The full amount is refundable until May 1, with written notification of withdrawal. After May 1, \$25 is refundable until August 1. For the spring semester the full amount is refundable until December 15. A forfeited deposit can only be refunded upon a doctor's statement of applicant's inability to enroll.

If a resident student decides to commute, the Admissions Office must be notified before May 1, in order to get full credit for the room deposit.

*All Commuter Students.* To complete acceptance, a deposit of \$50 is due within the time specified in the letter of acceptance. It is not refundable after May 1 for the fall semester, and December 15 for the spring semester, except upon a doctor's statement of applicant's inability to enroll.

## Refunds

1. Courses dropped after 25% has expired are payable in full.
2. Evening courses, summer school courses, and courses taken by part-time students dropped within 25% of time after classes begin are subject to a prorata rebate of the cost involved. All courses are payable in full after 25% has expired. The student who withdraws from school in the allowed period is eligible for a prorated refund.
3. Tuition and fees are refunded on a pro rata basis in case of withdrawal from the College or course during the first 25% of the semester, provided the student receives permission from the Dean of Student Affairs and checks out through the Business Office and Financial Aid Office at time of withdrawal. Refunds after the 25% period are made on a pro rata basis when a student withdraws from college because of illness and presents a statement from the attending physician. Any part of a week will be considered as a full week for the purpose of charging tuition and fees.
4. Charges for room and board are made for the session in which the student enrolls, and refunds are made on a pro rata basis for board only, provided the student receives permission from the Dean of Student Affairs, the Dean of Academic Affairs and checks out through the Business Office and Financial Aid Office at time of withdrawal. No reduction in board charges is made for absences of less than two full consecutive weeks. When a student is permitted to withdraw and adjustments are involved for board, any part of a week will be considered as a full week for purposes of board charges. Board only is refundable to students who enroll in the fall and do not attend Winter term.
5. Refunds for private lessons in music and art are made on a pro rata basis only when the student withdraws from the college because of illness and presents a statement from the attending physician.
6. In the event that a student does not fulfill graduation requirements, he is entitled to a refund of \$15.00 of the graduation fee. A student who does not fulfill requirements for Associate in Arts/Science is entitled to a refund of \$6.25. A student who does not fulfill requirements for a secretarial certificate is entitled to a refund of \$3.25 of the certificate fee.

The College reserves the right to change any and all fees.

No penalty charges are assessed where the college, as opposed to the student, is in error. This is cleared through the Registrar.

All notifications of withdrawal or cancellation and requests for refund must be in writing and addressed to the Dean of Student Affairs. Oral requests are unacceptable.

Refunds due will be paid or credited as quickly as possible and within a two-week period.

For students or parents who feel that individual circumstances warrant exceptions from published policy there is an appeals process through the Treasurer and Business Manager, Elon College, Elon College, N. C. and then to the President of the College, same address.

## Financial Aid

Elon College operates on the policy that no student should be denied a college education because of limited funds. As far as possible students are aided in meeting costs through careful planning and through various forms of financial assistance.

To be eligible to receive any type of financial aid except Basic Educational Opportunity Grant (BEOG), students must be enrolled for at least 12 semester hours of classes per semester. BEOG requires at least six semester hours and the amount of the grant is reduced appropriately.

There are three types of aid:

- Grants that require no repayment.
- Long term, low interest loans.
- College Work Study and Institutional Work Study.

Financial aid usually includes some portion of each type of assistance.

Applications for a "named" scholarship are not necessary. Recommendations are made by Financial Aid Committee.





Prior to May 1 *EACH YEAR* entering students, transfer students and continuing students **MUST** complete and file a Financial Aid Form (FAF) of the College Scholarship Service or Family Financial Statement (FFS) of American College Testing Program, being sure to complete the BEOG section and request that a copy of the report be sent to the Director of Financial Aid at Elon College.

These forms are available upon request from the Elon College Office of Admissions and Financial Aid and most high schools.

Students who feel they are financially independent of their parents should contact the Elon College Office of Financial Aid for application instructions.

## **Government Sponsored Financial Aid Programs**

*Basic Educational Opportunity Grants.* Basic Educational Opportunity Grants are based on financial need. Contact the Elon Office of Admissions and Financial Aid or your high school counselor. (Application contained within FAF or FFS.)

*National Direct Student Loan Fund.* Under the terms of this program, students at Elon College may secure loans from this fund. To be eligible a student must maintain a good standing, be in need, and have been accepted for enrollment to carry at least half of the normal full-time work load. Interest rate is 3 percent and begins nine months after a borrower ceases to pursue at least a half-time course of study.

*North Carolina Legislative Tuition Grant.* A \$525.00 tuition grant is available to all bona fide North Carolina residents in full-time study in a private college within the State. For further information contact the Office of Admissions and Financial Aid.

*North Carolina Contractual Scholarship Fund.* The North Carolina State Legislature has passed legislation providing funds for needy North Carolina residents who wish to attend a private college. These scholarships are administered by Elon College based on financial need.

*Guaranteed Student Loan Program.* The Guaranteed Student Loan Program is designed to make it possible for students to borrow from private lenders to help pay for the cost of education and training at universities, colleges, and vocational schools with the Federal Government paying part of the interest for qualified students. Loans are either guaranteed by State or private nonprofit agencies or insured by the Federal Government.

A student may apply for a maximum of \$2,500 per academic year. Total loans outstanding may not exceed \$7,500 for undergraduate students.

In North Carolina, this program is administered by College Foundation, Inc., Raleigh, North Carolina.

*College Work-Study.* Students who qualify for financial assistance who need a job to help pay for college expenses are potentially eligible for employment by their colleges under federally supported Work-Study Programs. Students may work up to 15 hours weekly while attending classes full time. During the summer or other vacation periods, students may work full time. To work under this program, a student must be in good standing and enrolled on a full-time basis.

*North Carolina Student Incentive Grant.* Gift aid granted to low income North Carolina residents attending a public or private educational institution within the State. Grants are approximately \$200-\$1,500 and are administered by College Foundation, Inc.

## Student Employment

*Institutional Work-Study Program.* This program is maintained by the College to provide students part-time employment on campus to help defray their college expenses.

*Off-Campus Employment.* The College strives to help as many students as possible find part-time employment in the surrounding community.

## Presidential Scholarships

*Danieley Scholarship.* In honor of Dr. J. E. Danieley, sixth president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Harper Scholarship.* In memory of Dr. W. A. Harper, fourth president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Long Scholarship.* In memory of Dr. W. S. Long, founder and first president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Moffitt Scholarship.* In memory of Dr. E. L. Moffitt, third president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Smith Scholarship.* In memory of Dr. Leon Edgar Smith, fifth president of the College, this fund was established by an initial gift from John T. Kernodle, of Richmond, Virginia. Additional contributions have been received from friends of former President Smith. The income from this endowment is used to aid worthy students.

*Staley Scholarship.* In memory of Dr. W. W. Staley, second president of the College, a scholarship is awarded to some worthy member of the freshman class.

## Academic Scholarships

*Walter H. and Barbara Day Bass Scholarship Fund.* This endowment was created by Mr. and Mrs. Bass, graduates of Elon College. The income from this fund is awarded to students who have financial need and a record of high academic achievement. The scholarship is renewable upon continued academic success and demonstrated good citizenship.

*Caddell Memorial Scholarship Fund.* Established in memory of Dr. Stephen Washington and Cora Bell Caddell by members of their family. Income from this endowment will be used as scholarship aid for a student of good character who has demonstrated high academic achievement.

*Wallace L. Chandler Scholarship Fund.* Established as an endowment to provide income for scholarships for students from the Richmond, Virginia, metropolitan area, who have demonstrated high academic achievement and have substantial promise for continued success.

*Elon Scholars Program.* Established by the trustees of Elon College. Scholarships are awarded each year to students with outstanding promise.

*Gibsonville Memorial Scholarship.* Established in 1974 in memory of deceased members of the Gibsonville Business and Professional Women's Club and the Gibsonville Rotary Club, this annual scholarship is awarded to a worthy and needy Guilford County student residing in the Gibsonville area who has an outstanding academic record.

*Jesse Weldon Harrington Scholarship Fund.* This endowment was established by citizens of the community in honor of Mr. Harrington for his leadership and many years of dedicated service at Williams High School. Income from this Fund is used for Williams High School graduates who have demonstrated leadership and academic achievement.

*The Ralph F. and Florance Walker Kirkpatrick Scholarship Fund.* Established by Mr. and Mrs. Ralph F. Kirkpatrick of Burlington, North Carolina. Earnings from this endowment fund are used for the purpose of providing an annual scholarship to a student from Alamance County with an outstanding academic record.

*McCrary Scholarship Fund.* Established by Iris and John McCrary. Earnings from this fund will be used to provide a scholarship for academically talented students who have financial need.

*Elwood E. Stone Scholarship Fund.* Established in memory of Elwood E. Stone by his wife, Lucile C. Stone, and their son, Elwood E. Stone, Jr. The income from this endowment is awarded annually to a promising student who is pursuing a career in early childhood education.

*Margaret Delilah Bobbitt White Scholarship Fund.* Established in memory of Mrs. White by her son Colonel Henry E. White of Lexington, South Carolina. The interest from this endowment fund is awarded to an outstanding student, preferably from Vance County, North Carolina.

## General Scholarships

*Alamance-Caswell Scholarship Fund.* Created by a gift from an anonymous donor. The income from this fund is awarded annually to a student from Alamance or Caswell County who has demonstrated high academic achievement and high moral character and has need of financial aid.

*Nina and Dickie Andrews Scholarship Fund.* Mr. R. Homer Andrews created this fund in memory of his wife, Nina, and their son, Dickie. The income is to be used to provide scholarships for needy and worthy students, preferably from Alamance County.

*The Dr. J. O. Atkinson Memorial Scholarship Fund.* This endowment was created by the members of the family of the Reverend J. O. Atkinson. The income is to be used as financial aid for deserving students.

*John W. Barney Memorial Scholarship Fund.* The fund was established by colleagues, former students, and friends of the late John W. Barney, a graduate of Elon College in the class of 1910 and a member of the faculty of the College from 1925 until his retirement in 1958.

*Barrett-Harward Scholarship Fund.* Created by William E. and Sue Barrett Harward in memory of Waverly S. Barrett, founder of the Dendron, Virginia, Christian Church and outstanding churchman and civic leader, and William D. Harward, Class of 1896 and minister of North Carolina and Virginia Christian churches for 45 years. The income from this fund is awarded preferably to a student pursuing the ministry or other full-time Christian vocation.

*Brannock Scholarship.* The Brannock fund was established by former students of Dr. Ned Faucette Brannock, who served as a member of the College faculty from 1908 to 1959. The earnings from the fund are used to provide a partial scholarship for a senior in the Department of Chemistry who engages in an original research project as part of his study program.

*The C. V. "Lefty" Briggs Athletic Scholarship Fund.* Established in honor of C. V. "Lefty" Briggs, class of 1930, member of the Elon College Sports Hall of Fame, by his daughters. The income from this endowment is awarded annually to a man or woman who possesses outstanding athletic ability and high moral character.

*Burlington Business and Professional Women's Club Scholarship.* Provides scholarships for needy and worthy women students from Alamance County.

*Byrd Scholarship Fund.* Established by C. R. Jr. and H. W. Byrd. Earnings from this fund are used to provide scholarships for employees of Byrd's Food

Stores, children of employees or students pursuing a course of study leading to a career in full-time Christian work.

*Class of 1925 Scholarship Fund.* This endowment fund was established in "honor of the living and in memory of the deceased" members of the class of 1925. The income from this fund is used to provide scholarship aid for worthy students.

*George D. Colclough Scholarship Fund.* Created by gifts from the family and friends of George D. Colclough, class of 1924, who served as a member and Secretary of the Board of Trustees of the College. The income from the fund is awarded annually to a deserving student.

*Collins and Aikman Scholarship.* This scholarship is presented annually by the Yarn Division of Collins and Aikman, Inc., to a deserving student at Elon College.

*The Alan Wheeler Crosby Scholarship Fund.* This fund was created in memory of Alan Wheeler Crosby of Hampton, Virginia, by the Crosby family and his friends. The income from this fund is used to provide scholarship aid to needy and worthy students.

*Delta Kappa Gamma Scholarship.* The Beta Omega Chapter of Delta Kappa Gamma Society provides an annual scholarship to the outstanding rising senior preparing to teach who is a resident of Alamance County. The grant will be credited to the student's account in the fall semester of his or her senior year.

*Dewey Hobson Dofflemyer Scholarship Fund.* Established in memory of Dewey Hobson Dofflemyer by his wife, Annie Onley Dofflemyer. Dr. Dofflemyer, a churchman, teacher, and businessman, was graduated from Elon College with the class of 1920. The earnings from this fund are used for scholarship aid for worthy students.

*Alvira J. Drumm Scholarship Fund.* Established as a memorial to Mrs. Alvira J. Drumm by her husband, Professor Lewis R. Drumm, and their son, Lewis R. Drumm, Jr. The earnings from this fund are used as scholarships for promising students who are in need of financial aid.

*The W. Clifton Elder Scholarship Fund* was established by the family and friends of W. Clifton Elder, alumnus and long-time member of the board of trustees. Income from this endowment will be awarded annually to a well-rounded, deserving student, preferably from an Alamance County textile family, who can demonstrate a need for economic assistance.

*First Federal Savings & Loan Association Scholarship.* A scholarship granted on a one year basis, renewable subject to the student's work, conduct and general record. Available to graduates from high schools in Alamance County, N. C. Applications and information may be obtained at the office of the First Federal Savings & Loan Association, 309 E. Davis St., Burlington, N. C.

*Sadie V. Fonville Memorial Fund.* A bequest of the late Miss Sadie V. Fonville of Burlington, N. C., providing for a scholarship each year to a worthy student who is a member of the United Church of Christ.

*Allen Erwin Gant Scholarship.* An endowment fund was established in memory of Allen Erwin Gant, member of the Board of Trustees of the College, by his sisters, Miss Jessamine Gant and Miss Corinna Gant. Income from the fund provides scholarships with preference given to students who are residents of Alamance County.

*Martin T. Garren Memorial Fund.* Established by friends in memory of Martin T. Garren, College Trustee and outstanding leader of the Southern Convention of Congregational Christian Churches.

*John S. Graves Scholarship Fund.* Established by relatives and friends of the Rev. John S. Graves, who served Elon College as associate professor of religious

education and campus minister from 1956 until his retirement in 1977. Income from this endowment is used to assist deserving students.

*Robert Kelley and Pearle Jones Hancock Scholarship Fund.* Established by their daughter, Mrs. Myrle Hancock Chamberlain, and their grandson and his wife, The Very Reverend and Mrs. David Chamberlain, in memory of Mr. and Mrs. R. K. Hancock. The income from this endowment will be used for scholarship aid for a needy and deserving student who has demonstrated a sense of purpose.

*Asheville-Charlotte A. Hebard Scholarship Fund.* A scholarship fund in memory of Mrs. Hebard. The Asheville United Church of Christ, which administers the fund, stipulated that from the earnings of the fund scholarship aid is to be awarded annually to worthy "orphaned and neglected children," preferably those from the Elon Home for Children.

*David M. Helfenstein Scholarship Fund.* This fund was established as a result of a bequest from Miss Anna Helfenstein.

*E. E. Holland Scholarship.* Established by a bequest from the estate of Eunice Ensor Holland as a memorial to her husband, Edward Everett Holland, former United States Congressman from Suffolk, Virginia, a long-time member of the Elon College Board of Trustees. The income from this fund is used for financial aid to deserving students.

*Vitus Reid Holt Scholarship.* Established by members of his family as a memorial to Mr. Holt, who served as a trustee of the College and of the Elon Home for Children. Earnings from this endowment fund are used as scholarship aid primarily for students from the Elon Home for Children.

*C. Chester Huey Athletic Scholarship Fund.* This endowment was established in memory of Mr. Huey, an avid supporter of Elon's athletic program, by his widow, Josie; his daughter, Elna; and his son, Paul. The income from this fund is awarded annually to a deserving student baseball athlete.

*Laura and Nelson Jackson Scholarship Fund.* Created by Mr. and Mrs. Nelson Jackson, Sr. of Tryon, North Carolina, leading citizens of that community and loyal members of the Congregational Church of Christ. The income from this fund is used to support scholarships for needy and worthy students who have exhibited a potential for positive contributions to the College community and society.

*The Gordon-Jennings Scholarship Fund.* This fund was created by the Gordon-Jennings families and the income from this fund is to be used annually to provide scholarship aid to deserving students.

*Rep. John M. Jordan Scholarship Fund.* The income from this fund will be used to provide assistance for a deserving student from Alamance or Rockingham counties, N. C.

*Virginia Beale Kernodle Scholarship Fund.* Created by John T. Kernodle, class of 1908, in memory of his wife, Virginia Beale Kernodle, class of 1913. The income from this fund is awarded to deserving students, preferably to those from Eastern Virginia.

*Max Lieberman Scholarship Fund.* This fund was established by a bequest under the will of Max Lieberman, a former resident of Alamance County. The interest from this fund is used for a scholarship for a male student from Alamance County chosen by the Alamance County Board of Education and Graham High School.

*Cameron Little Athletic Scholarship Fund.* Established in memory of Mr. Little, class of 1964 and former football player at Elon College, by members of his family, his classmates and friends, the income from this fund is awarded annually to a deserving student-athlete who is a member of the Elon College Football Team.

*Claude V. and Alva Lee Currin Long Scholarship Fund.* This endowment was established by Claude V. Long in memory of his wife. Income from this fund



will be used as a scholarship for deserving students, preferably from Alamance County.

*The Mills and Mary Alice Luter Scholarship Fund.* Created by Mr. and Mrs. Luter of Suffolk, Virginia. The income from this fund is to be awarded annually to a deserving student, preferably from the Elon Home for Children.

*Sue Boddie Macon Scholarship.* Established in memory of the late Miss Sue Boddie Macon (June 24, 1913-June 13, 1952) by her aunt, Miss Margaret P. Alston, and her mother, Mrs. Pattie Alston Macon, of the Liberty Vance Congregational Christian Church of Henderson, N. C.

*The Graham Mathis Athletic Scholarship Fund.* This fund was established in 1979 to honor former Elon Coach Graham "Doc" Mathis by his former players. Income earned is awarded annually to deserving student-athletes in basketball, football and baseball.

*The John Z. and Mildred W. McBrayer Scholarship Fund.* This scholarship was created by Mr. McBrayer, class of 1938, and Mrs. McBrayer, both of Cleveland County, North Carolina. The income from this fund is awarded annually to a deserving student from Cleveland County.

*Memorial Scholarship Fund — First Christian Church, Portsmouth, Virginia.* The Women's Fellowship and others of the First Christian Church, Portsmouth, Virginia, in 1965 established a memorial scholarship honoring First Church which was founded in 1901. In 1965, due to population changes, the Church was closed, and its life was merged with the United and Shelton Memorial Congregational Christian Churches (United Church of Christ) of Portsmouth. The income from this endowment fund is to be used to support scholarships for worthy and needy students at Elon College.

*Moser Scholarship Fund.* This endowment was established by Mr. and Mrs. B. A. Moser. The income from the Fund will be used for financial aid to deserving students preferably pursuing full-time Christian work who are from Alamance County and the Davis Street United Methodist Church.

*The Horace Powell Scholarship Fund.* Established by Horace C. Powell of Fuquay-Varina, North Carolina. Earnings from this endowment fund are used as scholarship aid to deserving students.

*Paul C. and Margaret S. Plybon Scholarship Fund.* Established by Paul C. Plybon, Sr., class of 1948, and his wife, Margaret S. Plybon. Income from this endowment will be used to provide financial aid to worthy students who have demonstrated high academic and leadership abilities.

*O. D. Poythress Scholarship Fund.* This fund was established in 1966 by the South Norfolk Christian Church, Chesapeake, Virginia, in honor of the Reverend Olive Daniel Poythress, who served as pastor of the church for 43 years, and as Pastor Emeritus until his death in 1968. The income from this endowment fund is to be used to help provide scholarships for worthy and needy students at Elon College, with preference being given to students from the South Norfolk Christian Church.

*Richmond Alumni Chapter Scholarship.* The income from an endowment fund contributed by this alumni chapter provides scholarships for freshmen students from the Richmond area.

*Viola V. Rollings and Amos Thornton Rollings Scholarship Fund.* Established by a bequest from the estate of Viola V. Rollings in memory of her brother, Amos. Income from this endowment will be used for scholarship aid for a needy and deserving student.

*James C. Scott Golf Scholarship Fund.* This fund has been established by the family and friends of James C. Scott, former member of the Elon College Golf

Team. The earnings from this fund are to be used to provide a golf scholarship.

*Samuel Dalton Scott Scholarship.* This fund was established by his wife, Bernice Robbins Scott, and their children, in memory of Samuel Dalton Scott (1886-1955), dedicated layman and deacon of the First Congregational Christian Church at Greensboro and a former student of Elon. The income from this endowment fund is to be used to support scholarships for needy and deserving students.

*Nancy Gordon Sheffield Scholarship Fund.* Established in memory of Nancy Gordon Sheffield by members of the family and friends. The income from this fund will be awarded to a deserving student, preferably from Alamance or Guilford Counties.

*Oscar F. Smith Scholarship Fund.* Established by a bequest from a former trustee, Oscar F. Smith, from Norfolk, Virginia, for scholarship assistance to students preferably from Eastern Virginia.

*Staley Memorial Scholarship Fund.* The Women's Missionary Convention of the Southern Convention of Congregational Christian Churches in 1953 established at the College the Staley Memorial Scholarship Fund in memory of Dr. William Wesley Staley (1849-1932), the second president of the College. The income from this permanent fund is granted by the College to worthy students.

*William H. Stratford Scholarship Fund.* This endowment was created by a bequest from Mrs. Marguerite R. Stratford in memory of her husband, Dr. William H. Stratford, class of 1899. Income from this fund is used for scholarship grants.

*Sternberger Scholarships.* Established by the Sigmund Sternberger Foundation in memory of Sigmund Sternberger, a prominent industrialist associated with Cone Mills Corporation in Greensboro, North Carolina. These scholarships are awarded annually to students who are residents of North Carolina, with preference given to students who are residents of Greensboro and/or Guilford County.

*Tessie Z. Taylor Scholarship Fund.* Established by the faculty of the Department of Business Administration and Business Education, this scholarship is awarded to a needy high school senior entering Elon College in Business Education or to a two-year Business Education student transferring to the four year program in Business Education.

*The William Brown Terrell Scholarship Fund.* This scholarship fund was established by Elon College High School alumni and teachers to honor William Brown Terrell, educator and civic and religious leader, for his dedication to his students and his keen interest in athletics. The income from this fund will be awarded to a deserving athlete.

*Tidewater Alumni Chapter Scholarship.* A scholarship established by the area alumni for worthy students from the Tidewater area.

*Trolinger Memorial Fund.* The William H. and John A. Trolinger Memorial Fund was established by a gift of Mrs. Isla Stratford May, William H. Stratford, John B. Stratford, Parke C. Stratford, and Robert E. Stratford, children of the late William O. and Bessie Trolinger Stratford, in memory of their grandfather and uncle. The earnings from this endowment are used as scholarship aid for worthy students from Alamance County.

*Union United Church of Christ Scholarship Fund.* This endowment fund was created by gifts from the Union United Church of Christ in Virgilina, Virginia. The income is awarded preferably to a deserving student or students from the Union United Church of Christ.

*C. Max Ward Scholarship Fund.* Established by C. Max Ward, class of 1949. Annual earnings from this endowment fund are used for scholarship aid for students who show academic promise, a definite need, and an interest in athletics.

*Clyde T. and Esther Ward Golf Scholarship Fund.* Established by C. Max Ward, class of 1949, and Cynthia Fertig Ward in honor of Mr. Ward's parents. Annual earnings from this endowment fund are used for scholarships for members of the golf team.

*William I. Ward, Sr. and David Samuel Ward Scholarship Fund.* Established by William I. Ward, Jr. in memory of his father and brother. The donor's great-grandfather, Dr. William S. Long, was one of Elon College's founders and first president. Income from this endowment will be used as scholarship aid to a graduate of Graham (N.C.) High School or its successor high school or a resident of Graham who possesses good character, inquiring mind and has financial need.





### Ministerial Student Scholarship

Dependent children of ministers of the United Church of Christ are granted tuition discounts of \$400.

*Edward M. Albright Scholarship Fund.* Established in memory of Mr. Edward M. Albright through a bequest from his wife, the late Mrs. Olivia White Albright, the income is to be used for scholarships for ministerial students.

*The Rev. J. Frank Apple Memorial Scholarship Fund.* Established in memory of Rev. J. Frank Apple, class of 1917, by the family and friends from churches served by him over the years. The income from this fund is to be used to provide financial assistance for worthy and deserving students, preferably preparing for full-time church-related vocations.



*Richie E. and Agnes R. Brittle Scholarship Fund.* Created by the Hunterdale United Church of Christ, Franklin, Virginia, in honor of Dr. R. E. Brittle, 1928 graduate of Elon College and a long-time, dedicated minister in the Southern Conference of the United Church of Christ, and Mrs. Brittle. The income from this fund is awarded annually to a student who is pursuing a career in a full-time Christian vocation.

*Victor B. Chicoine Memorial Scholarship Fund.* This fund was established in memory of the Reverend Victor B. Chicoine, D.D., 1891-1965, by Mrs. Chicoine, their children, and friends. The income from this endowment fund is used for ministerial scholarships.

*Maggie Baynes Dixon Ministerial Scholarship.* An endowment fund bequeathed by the late Mrs. Maggie Baynes Dixon to be used to support ministerial scholarships.

*Eastern North Carolina Ministers Memorial Fund.* Established by the Eastern North Carolina Association of the Southern Conference of the United Church of Christ. The income from this fund is to be used for scholarships preferably for worthy and needy students who are from churches in the Eastern North Carolina Association and who are majoring in religion or religious education.

*Franklin Congregational Christian Church Scholarship.* Established by the Franklin Congregational Christian Church of Franklin, Virginia. The income from this fund is awarded annually to a deserving student with the following order of preference: (1) a member of the Franklin Church, (2) a member of an Eastern Virginia Association church, (3) a member of a Southern Conference church.

*Holmes Memorial Fund.* This fund was established by Miss Ethel Marsh Holmes as a memorial to her brother, Howard Braxton Holmes, who was a member of the College faculty. The earnings of the fund are used in the education of ministerial students.

*Dr. I. W. Johnson Scholarship.* A gift from the estate of Mrs. Sallie Bertie Ellenor Johnson, wife of the late Reverend I. W. Johnson, minister who served Congregational Christian churches in the Southern Convention, to be used for the education of ministerial students.

*J. U. Newman Memorial Scholarship Fund.* Established by a bequest from Lila Clare Newman, member of the faculty at Elon College for many years, in memory of her father, distinguished professor in the Department of Religion. Income from this endowment is to be used for scholarships for needy and worthy students, preferably ministerial.

*John Webster Patton Scholarship.* Established in memory of the Reverend John Webster Patton, who served Christian Churches in North Carolina and Virginia for nearly sixty years, this scholarship is granted each year to a deserving student who is preparing for the Christian ministry.

*Rex and Ina Mae Powell Scholarship Fund.* Mr. and Mrs. Rex Powell established this fund, the income of which is to be used for the education of children of ministers who attend Elon College.

*The Rev. Lacy M. Presnell, Sr. Memorial Scholarship Fund.* Established in memory of Rev. Lacy M. Presnell, Sr. (1902-1973) by the family and friends from churches served by him over the years. The income from this fund is to be used to provide financial assistance for worthy and deserving students, preferably from the general Randolph County area preparing for full-time church-related vocations.

*Emmett H. and Katherine H. Rawls Scholarship Fund.* This endowment fund was created from bequests from the estates of Emmett H. and Katherine H.



Rawls, to provide income for scholarships for students planning for full-time Christian ministry.

*W. L. Rudd Scholarship and Loan Fund.* This fund was established by W. L. Rudd, alumnus of Elon College, to aid needy and worthy Christian students who are preparing for greater usefulness in making a better, more peaceful world and in helping to spread Christian ideals. Preference is given to students who are planning to pursue full-time Christian vocations.

*St. Mark's Reformed Church Scholarship Fund.* Established by St. Mark's Reformed Church, Route 1, Burlington, N. C. The income from this fund is to be used to provide financial assistance for worthy and deserving students, preferably from the Church or Alamance County, preferably pursuing Preministerial or Christian Education studies.

*Somers Scholarship Fund.* Established by the late Chaplain Lester I. Somers, CDR, USN, and his wife, Mrs. Doris Loraine Somers. The income from this fund is used to provide a scholarship for the most outstanding senior majoring in religion or preparing for a full-time Christian vocation.

*Charles E. Shelton Memorial Fund.* This fund was created by the First United Church of Christ of Portsmouth, Virginia, in memory of Dr. Charles E. Shelton, beloved minister of the Church. The income is used preferably for one or more students pursuing full-time Christian vocations. Preference is also given to students from the Tidewater, Virginia area.

*Dr. W. W. Staley Scholarship Fund of the Suffolk Christian Church.* This fund was established by the Suffolk Christian Church in memory of Dr. W. W. Staley, second president of Elon College and long-time minister of the Suffolk Christian Church. This fund is to provide a scholarship for a ministerial student or a student of an associated field with preference to be given to members of the Suffolk Christian Church or members of churches in the eastern Virginia area.

*Alda June Jones Stevens Memorial Scholarship.* Established in memory of Mrs. Millard Stevens, this endowment is to be used to support scholarships for worthy students, preferably those preparing for full-time Christian service.

## Music Scholarships

*Band Scholarships.* Awarded on a limited basis to students who are musically talented and participate in band activities.

*Jennie Willis Atkinson Bradford Scholarship.* An endowment established in memory of Jennie Willis Atkinson Bradford providing a scholarship each year to a worthy student in the Department of Music. Mrs. Bradford, daughter of the late Dr. and Mrs. J. O. Atkinson, was an honor graduate of the Class of 1917 and served as a member of the Board of Trustees of Elon College for seventeen years.

*Alyse Smith Cooper Music Fund.* Mrs. Alyse Smith Cooper established this fund, the income from which is used preferably for scholarships for music students with priority being given to those from Alamance County or North Carolina, or for support of the music program of the College.

*The Billy Crocker Jazz Scholarship.* This endowment was established by relatives and friends of Billy Crocker who was an outstanding drummer at Elon College from 1969-1972. Income from this fund will be granted annually on Awards Day to a member of the Emanons. The recipient will be selected by a vote of members of the Emanons and the directors.

*Presser Scholarship.* The Presser Foundation of Philadelphia, Pa., makes funds available annually to the College to be used for the assistance of deserving students who are preparing to become teachers of music.



*Velie Memorial Music Scholarship Fund*, established in memory of C. James Velie by relatives and friends. Professor Velie was a member of the music faculty at Elon College for a number of years. He directed the choir of the Elon College Community Church and engaged in many music activities in the area. Income from this endowment will be used for a deserving student majoring in music.

## Loan Funds

*Amick Fund*. Dr. T. C. Amick, formerly of the College faculty, created a fund to be loaned to deserving students at 6 percent interest. The President lends this fund on proper security.

*Stein H. and Pearl M. Basnight Loan Fund*. A bequest from the estate of the late Stein H. Basnight set up this loan fund in memory of Mr. Basnight and in honor of his wife, Pearl M. Basnight. Its use is designated for United Church of Christ students preparing for the ministry and is loaned at a rate of 6 percent interest. If the student enters the Christian ministry, the interest is forgiven.

*Bowling Fund*. Dr. E. H. Bowling of Durham, N. C., has created a fund to be used in educating deserving students, preferably candidates for the ministry.

*James E. and Mary Z. Bryan Foundation Student Loan Plan*. Established by Mary Z. Bryan, in 1953, as a memorial to her husband and administered by the College Foundation, Inc. in Raleigh, North Carolina. Students may borrow up to \$1,000 per academic year. Four percent interest accrues while student is in school and increases to six percent after student ceases to be enrolled as a full-time student.

*Burlington Elks Scholarship Loan Fund*. Lodge No. 1633 of the Benevolent and Protective Order of Elks, of Burlington, North Carolina, has created a loan fund for students who are residents of Alamance County. Awards are made to qualifying students by a committee consisting of the trustees then in office at the lodge and two members of the Board of Trustees of the College.

*Clarke Fund*. Dr. J. A. Clarke, formerly of the College faculty, created a loan fund for deserving students. The business manager lends this at 6 percent interest on proper security.

*Maggie B. Dixon Loan Fund*. A bequest from the estate of the late Maggie B. Dixon established this loan fund to assist members of the junior and senior classes.

*Knights Templar Educational Loan Fund*. Under the rules of the Grand Commandery, students at Elon may obtain loans from this fund.

*McLeod Fund*. The family of the late Prof. M. A. McLeod has established a fund, the income from which is loaned to worthy students on proper security.

*Helen Martin Parkerson Loan Fund*. Mrs. Helen Cannon has established a loan fund as a memorial to her mother, Mrs. Helen Martin Parkerson. It is loaned to deserving students in Business Education.

*T. M. Stanback Fund*. Created by gifts from Mr. and Mrs. T. M. Stanback. This fund is used for the purpose of making loans to worthy students. The student must sign a promissory note endorsed by another responsible person. A reasonable interest is charged on the unpaid balance after the student's program of studies is terminated.

# Academic Life Programs



## Registration

Students must register on certain designated days in September, January, and February. Registration information is made available to all students.

## Classification

Classifications are made at the beginning of the college year in September.

A sophomore must have removed all entrance conditions and have completed 24 hours of work toward a degree.

A junior must have completed 54 semester hours, and a senior 84 semester hours of work toward a degree.

## Schedule of Studies

Twelve hours of college work is considered the normal student load for freshmen. The normal student load for upperclassmen is considered to be fifteen hours of college work.

During the one-month winter term, three hours of college work is the normal load for all students.

## Auditing Courses

Persons who wish to attend certain courses regularly without doing the assigned preparation or receiving credit may do so with the approval of the Registrar. The cost is \$30.00 for each course.

## **Change of Course**

Registration is for an entire course, and a student who begins a course must continue it except in unusual circumstances. Continuous subjects (designated by a hyphen, e.g., 111-112) must be pursued to completion to earn credit toward a degree. Unless the student and his adviser consider it essential, a student should not change his schedule after registration. No course may be entered after 10 percent of its scheduled class meetings have been held.

## **Changes in Classes and Schedule**

The College reserves the right to cancel or discontinue any course because of small enrollment or for other reasons deemed necessary. In order to assure quality instruction, the College reserves the right to close registration when the maximum enrollment has been reached. The College reserves the right to make changes in schedule and/or faculty when necessary.

## **Dropping Courses**

In the fall and spring semesters, no student may drop a course with a passing grade after the weekday before mid-semester reports are due (see calendar); however, a course dropped with official permission of the Registrar prior to the time mid-semester grades are due will be graded WP (passing at time of withdrawal) or WF (failing at the time of withdrawal). A course dropped without official permission of the Registrar is automatically graded WF.

A student who withdraws from the College receives grades of WD (medical withdrawal) or WP and WF depending on his grades at the time of withdrawal.

## **Pass/Fail Courses**

Students have the opportunity to take two one-semester courses outside the requirements for their major and minor on a pass/fail basis.

## **Independent Study**

Students may engage in independent study of catalog courses, special topics, and research projects. Details concerning the procedure for engaging in independent study may be obtained from the office of the Dean of Academic Affairs.

## **Academic Warning, Probation and Suspension**

At least a "C" average (grade point average of 2.00) is necessary to satisfy the College's academic requirements. Each student whose cumulative grade point average is less than 2.00 will automatically be placed in some level of academic deficiency. Records of these students, as well as those whose grades in any semester fall below 2.00, are reviewed by the Committee on Academic Standing. The Committee will (1) place the student on academic warning, (2) place the student on academic probation (a more serious deficiency), or (3) suspend the student. A student with serious grade deficiencies is eligible for suspension action at any time after the completion of one full-time semester of attendance.

Students on academic warning or probation are expected to show significant improvement in their next semester or term. The Committee removes from warning the students whose cumulative grade point averages improve to at least 2.00. The Committee removes from probation and changes to warning (or clear standing) students whose cumulative grade point averages improve sufficiently. The Committee asks those who do not show adequate improvement to dis-



continue their studies. One academic semester must elapse before students suspended for failure to maintain normal academic progress are eligible for reinstatement. Applications for reinstatement are available from the Director of Admissions. A student who is suspended a second time for academic reasons is normally not readmitted to the College for further study.

When a student is placed on academic warning, probation or suspension, both student and parents receive official notification.

### **Continuance in College**

Maintenance of a satisfactory grade of scholarship and evidence of the ability to appreciate and to cooperate with the ideals and standards of the College are necessary for continuance at Elon.

### **Dismissal**

The College reserves the right to suspend or dismiss any student or students when it believes that such action is in the best interest of the institution and/or the student(s). This action will take place only after careful consideration and consultation with the student or students in question and all other parties with information pertinent to the matter at hand.

### **Leaves of Absence and Withdrawal**

If a student, for any reason, concludes that he must leave the College on a temporary or long term basis, he must confer with the Dean of Student Affairs and the Dean of Academic Affairs to formalize his plans. If he wishes to be absent for as long as two semesters, he may secure a Leave of Absence under which he may automatically return to the College at a time mutually acceptable. If he wishes to withdraw, formal arrangements can be made. In either case, the official record of the student cannot be cleared until action — either Leave or Withdrawal — is complete.

### **Absences From Class**

Since students must attend classes regularly in order to derive maximum benefit from their courses, the College strictly and fairly enforces policies governing classes, and students are responsible for knowing the attendance regulations. The following is the general plan of the attendance regulations:

Each department publishes its own attendance policy. A student who has excessive absences in any class is reported by the faculty member to the Counseling Office. Members of the counseling staff will confer with the student. If the absences are not excusable, the student will be warned, and his parents and faculty adviser will be apprised of the situation. If unwarranted absences continue, the Dean of Academic Affairs may suspend the student from the class or from the College.

### **Attendance at Enrichment Cultural Events**

All students are encouraged to attend programs for cultural and intellectual enrichment offered on the campus. Students who attend a minimum of 20 such events per year may earn one semester hour credit. A schedule of cultural and intellectual events is published weekly.

## Academic Reports

Students are graded at mid-semester as well as at the end of each semester. Mid-semester grades serve as progress reports and are not entered on students' permanent records.

## Student Access to Educational Records

Elon College complies with the Family Educational Rights and Privacy Act of 1974. This Act is designated to protect the privacy of educational records, to establish the right of students to inspect and review their educational records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with The Family Educational Rights and Privacy Act Office (FERPA) concerning alleged failures by the institution to comply with the Act.

Institutional policy explains in detail the procedures to be used by the institution for compliance with the provisions of the Act. Copies of the policy can be found in the Office of the Registrar.

That office also maintains a Directory of Records which lists all student educational records maintained by this institution.

Questions concerning the Family Educational Rights and Privacy Act may be referred to the Office of the Registrar.

## Dean's List

The purpose of the Dean's List is to recognize and encourage excellence in academic work. A student who has no grade below a "B" and a point average of at least 3.33 in a minimum of 12 semester hours in any semester is placed on the Dean's List for the following semester.

## Absence From Tests and Examinations

Students who miss scheduled tests and examinations without excusable reasons may not make up such assignments. Authorization to make up tests missed for excusable reasons is obtained from the professor of the class. Authorization to make up final examinations missed for excusable reasons is obtained from the Office of the Dean of Academic Affairs.

## Graduation With Honors

Candidates for graduation with an average of 3.87 or more quality points for each credit hour are graduated *summa cum laude*; those with 3.67 or above, *magna cum laude*; and those with 3.33 or above, *cum laude*. The average for honors is computed on all work attempted in college whether at Elon or another institution.

## Grading System and Quality Points

Graduation is dependent upon quality as well as upon quantity of work done.

A student earns quality points as well as semester hours if his level of performance does not fall below that of "D."

Letter grades are used. They are interpreted in the table on the following page, with the quality points for each hour of credit shown at right.

<u>Grade</u>		<u>Quality Points</u>
A	Superior work	4
B	Work above the average	3
C	Average work	2
D	Work below the average	1
F	An absolute failure	0
I	Incomplete	0
P	Passing (not counted in cumulative average)	0
S	Satisfactory (not counted in cumulated average)	0
U	Unsatisfactory	0
WD	Medical withdrawal	0
WF	Failing at time of withdrawal	0
WP	Passing at time of withdrawal	0
NR	No report	0

The minimum passing grade is "D." A grade of "F" indicates failure. The grade "I" is changed to "F" if work is not completed satisfactorily within one calendar year of the time the grade is given.

Grades of "A," "B," "C," "D," and "F" are permanent grades and may not be changed except in case of error. After an instructor has certified a grade to the Registrar, he may change it before the end of the next regular grading period. The change must be made in writing and have the written approval of the department chairman.

## Repeat Courses

Courses repeated within four semesters of attendance (excluding winter and summer sessions) following the first enrollment in the course count only once in computing the cumulative grade point average. In such cases the most recent grade is counted rather than any previous grade(s) received.

## Work at Other Institutions

Students who plan to take courses at other institutions during summer sessions or by correspondence must have the prior written permission of the Registrar. He will give such permission for work only in fully accredited institutions. Credit is allowed only for courses of college level which also are allowed toward graduation by the institution conducting the summer school. After completion of such courses, the student presents an official transcript of his record to the Registrar. The maximum credit permitted for correspondence instruction is twelve semester hours.



## Degree Requirements

Elon College offers the following degrees:

Associate in Arts (A.A.)  
Associate in Science (A.S.)

Bachelor of Arts (A.B.)

Accounting  
Biology  
Business Administration  
Business Education  
Chemistry  
Economics  
Elementary Education  
Elementary Education  
(K-3) & (4-9)  
English  
English-Journalism

Bachelor of Science (B.S.)  
Cytotechnology  
Music Education

Bachelor of Applied Science  
(B.A.S.) and Bachelor of  
Applied Arts (B.A.A.)

Secretarial Science  
Medical Laboratory Technician  
Cytotechnology

History  
Human Services  
Mathematics  
Music  
Philosophy  
Physics  
Political Science  
Public Administration  
Religion  
Social Science

Physical Education and Health  
Physical Education: Community  
Recreation  
Physical Education: Commercial  
Leisure and Sports Manage-  
ment

Radiologic Technology  
Continuation of A.S. program for  
Medical Laboratory technicians  
Cooperative transfer programs  
offered with community  
colleges and Vo-tech schools  
Administration of Justice

Requirements for the Associate degrees are listed following the courses of instruction.

Basic requirements for the bachelor's degree are a minimum of 126 semester hours of credit, at least 36 hours of which must be junior-senior level work. Each student must have twice as many quality points as credit hours attempted.

There are a number of specific requirements. These are:

1. Satisfactory work in one major subject.
2. Completion of general education distribution as follows:
  - a. Humanities . . . . . 24 s.h.
    - (1) Religion . . . . . 6 s.h.
    - (2) English (Freshman English Composition) . . . . . 6 s.h.
    - (3) Language and Literature (choose from English,  
French, German, Greek, Spanish) . . . . . 6 s.h.
    - (4) Other Humanities (choose from art, fine arts,  
music, philosophy, religion) . . . . . 6 s.h.
  - b. Social Sciences . . . . . 12 s.h.  
(choose from at least three of the following: economics,  
geography, history, political science, psychology, sociology)



- c. Mathematics and Natural Sciences . . . . . 10 s.h.  
(choose at least one mathematics and one 4 s.h. laboratory science)
- d. Physical Education . . . . . 2 s.h.  
(choose two activities courses)
- 3. One full academic year of study at Elon, including the last term before graduation.
- 4. Participation in commencement exercises.

Students who have not had two years of one foreign language in high school must make up this deficiency by taking the first year of a language.\*

Students who have had one year of active duty in military service will receive credit for the Physical Education requirement (or the outstanding balance of this requirement) by bringing a copy of their DD-214 Form to the Registrar's Office for verification. One or two semesters of marching band may be substituted for one or two semesters of Physical Education.

A student has the privilege of graduating under the provisions of the catalog under which he enters, provided that he completes his course of study within five years. After the interval of five years his credits will be subject to review by a faculty committee.

It is the student's responsibility to be familiar with the preceding requirements for graduation.

## The Major

No later than the beginning of the junior year, each candidate for a bachelor's degree must select a major from one of the following areas:

Accounting, Biology, Business Administration, Business Education, Chemistry, Cytotechnology, Human Services, Economics, Elementary Education, English, English-Journalism, History, Administration of Justice, Mathematics, Philosophy, Physical Education (Teacher Education, Community Recreation, or Commercial Leisure and Sports Management), Physics, Political Science, Public Administration, Religion, and Social Science.

Students in Medical Laboratory Technician, Music, Music Education, and Radiologic Technology should begin their major in their freshman year.

Requirements for each major are listed with the courses of instruction.

Before the beginning of the junior year, the student must complete at least 6 semester hours of "B" quality work in the field he chooses for his major; otherwise he must have special permission from the head of the department before he is accepted as a major. More than one major may be elected. An average grade of "C" in the major field is required for graduation.

All students are encouraged to take 6 semester hours in American history, 6 in European history, and 3 in public speaking. Those who plan graduate work leading to the Ph.D. degree should take both French and German.

## The Minor

A candidate for the bachelor's degree may elect a field of minor concentration, consisting of at least 18 semester hours with at least a 2.00 grade point average, provided the department has established a minor field.

\*Credit received for this language may be applied toward graduation requirements.

# Courses of Instruction



## Courses of Instruction

The departments of instruction are organized into four general divisions. These include areas of learning arranged as follows:

Division of Humanities	Art, Communications, English, Fine Arts, Languages, Music, Philosophy, Religion
Division of Sciences and Mathematics	Biology, Chemistry, Computer Science, Cytotechnology, Mathematics, Physics, Medical Laboratory Technician, and Radiologic Technology
Division of Sciences and Mathematics	Biology, Chemistry, Computer Science, Cytotechnology, Mathematics, Physics, Medical Laboratory Technician, and Radiologic Technology
Division of Social Sciences	Accounting, Banking, Business Administration, Business Education, Human Services, Economics, Geography, History, Administration of Justice, Political Science, Public Administration, and Sociology.
Division of Physical Education, Health, and Teacher Education	Education, Health, Physical Education, Recreation, Military Science, and Psychology

Courses numbered 001-099 are for elective credit only, when credit is given.

Courses numbered 100-199 are on the freshman level, 200-299 on the sophomore level and 300 and above on the junior-senior level.

Continuous courses, which must be pursued to completion for credit toward a degree, are indicated by a hyphen, for example, 111-112. Others are listed with a comma separating the numbers.

## Accounting

*Chairman, Department of Business Administration, Accounting and Business Education: Associate Professor Marr*

*Professor: Sanders*

*Associate Professor: Council*

*Assistant Professors: Price, Weavil, Wheeler*

A major in Accounting requires Accounting 211, 212, 331, 332, plus 9 additional hours from Accounting 336, 441, 451, and 456, and Business Administration 111, 311, 321, 322, 323, 329, 411, 412 and 426. Additional course requirements are Economics 211, 212, 246, 347, and Mathematics 111 (or demonstrate proficiency), 160, 161 (or calculus sequence). Additional courses in Mathematics are recommended for those students who plan to undertake a fifth year of study in Accounting.

A minor in Accounting requires Accounting 211, 212, 331, 332, and one other upper level accounting course; Business Administration 111.

### **211, 212. PRINCIPLES OF ACCOUNTING**

**4 semester hours each semester**

To give the student an insight into the various methods used in keeping the records of single proprietorships, partnerships, and corporations. Year-end adjustments, work-sheets, and preparation of financial statements emphasized. Problems, practice sets, and lectures. 3 class hours, 2 laboratory hours. Prerequisite: Business Administration 111 (or corequisite); Accounting 211 required for 212.

### **331, 332. INTERMEDIATE ACCOUNTING**

**3 semester hours each semester**

Each item of the balance sheet and income statement is analyzed critically. Alternative methods and procedures are evaluated against the background of the latest authoritative pronouncements and the theory that supports them. The statement of changes in financial position is studied. Prerequisites: Accounting 211, 212. Accounting 331 required for 332. Lectures and laboratory.

### **336. COST ACCOUNTING I**

**3 semester hours**

A study of cost procedures. Materials, labor, overhead; job order and process systems; standard costs. Prerequisites: Accounting 211, 212.

### **337. COST ACCOUNTING II**

**3 semester hours**

An extensive examination of the uses of cost data by management. Includes managerial techniques and their application to decision making. Prerequisites: Accounting 211, 212, 336, Economics 246.

### **441. INCOME TAX I**

**3 semester hours**

An introduction to income tax theory and concepts and a study of tax fundamentals and basic rules for the individual, partnership, and corporate taxpayer. Prerequisites: Accounting 211, 212.

### **442. INCOME TAX II**

**3 semester hours**

A thorough study of capital gains and nontaxable exchanges for the individual and corporate taxpayer. Additional topics include income averaging, minimum tax on preferences and maximum tax on personal service income. Prerequisite: Accounting 441.

### **451. ADVANCED ACCOUNTING**

**3 semester hours**

Specialized accounting problems: Partnerships; corporate liquidation; consolidated statements; governmental and not-for-profit organizations; estates and trusts. Prerequisite: Accounting 332.

**456. AUDITING**

**3 semester hours**

Auditing theory and practice, working papers, financial statements, and professional ethics. Emphasis on auditing standards, statistical compliance testing and substantive testing. Prerequisite: Accounting 332.

**471. SEMINAR: SPECIAL TOPICS**

**1-3 semester hours**

Advanced study consisting of reading problems, reports and discussions of current topics. Participation by students, departmental faculty, and other resource persons.

**491. INDEPENDENT STUDY**

**1-3 semester hours**

## Administration of Justice

The requirements of the Bachelor of Applied Science degree in the Administration of Justice are as follows: (1) evidence of completion of the technical phase of the law enforcement area concentration from an approved technical institute or community college; (2) completion of general education distribution requirements; (3) completion of the following specific course requirements; Business Administration 323, 329; Economics 211, 212, 313; History 211, 212; Philosophy 113; Political Science 111, 112, 232; Sociology 111, 211; (4) electives to complete 126 semester hours.

## Art

*Chairman, Department of Fine Arts:* Professor Westafer

*Associate Professor:* Daniel

In studio courses two hours of studio work per week give one semester hour of credit.

A minor in Studio Art requires Art 111, 113, 221, 223, 491 (3 semester hours); plus 6 semester hours selected from Art 103, 104, 211, 212, 213, 214, 311, 312.

**101. METAL ENAMELING I**

**3 semester hours**

The application of creative design to projects in enameling on metal (copper and silver). 1 hour of lecture and 5 studio hours. Materials fee: \$10.00.

**102. METAL ENAMELING II**

**3 semester hours**

A continuation of Art 101, which is a prerequisite. Materials fee: \$10.00.

**103. CERAMICS I**

**3 semester hours**

Techniques in working with clay in the production and firing of pottery. Experience in hand-building and throwing pieces on the potter's wheel. 1 hour of lecture and 5 studio hours. Materials fee: \$10.00.

**104. CERAMICS II**

**3 semester hours**

A continuation of Art 103, which is a prerequisite. Materials fee: \$10.00.

**111. DESIGN I**

**3 semester hours**

A basic course in the fundamentals of design with emphasis on two-dimensional media. 1 hour of lecture and 5 studio hours. Materials fee: \$5.00.

**112. DESIGN II**

**3 semester hours**

A continued study of the fundamentals of design with emphasis on three-dimensional media. 1 hour of lecture and 5 studio hours. Materials fee: \$10.00.

**113. DRAWING**

**3 semester hours**

Basic course in the fundamentals of drawing and composition using various media. 1 hour of lecture and 5 studio hours.

**211. PAINTING: OILS, ACRYLIC I**

**3 semester hours**

Experimental studies in the techniques of painting and composition using various media. Prerequisite: Art 111 or 113. 1 hour of lecture and 5 studio hours.

**212. PAINTING: OILS, ACRYLIC II**

**3 semester hours**

A continuation of Art 211, which is a prerequisite. 1 hour of lecture and 5 studio hours.

**213. PAINTING: WATERCOLOR I**

**3 semester hours**

Experimental studies in the various techniques of painting with watercolor. Prerequisite: Art 111 or 113. 1 hour of lecture and 5 studio hours.

**214. PAINTING: WATERCOLOR II**

**3 semester hours**

A continuation of Art 213, which is a prerequisite.

**221. HISTORY OF ART: PRE-HISTORY THROUGH MIDDLE AGES**

**3 semester hours**

Historical survey of the major visual arts from the era of pre-history through the middle ages. Emphasis is on major artistic styles, their origin and development; major works of art and their creators; correlation of the history of art with important events and developments in other spheres of man's experience.

**223. HISTORY OF ART: RENAISSANCE TO THE PRESENT**

**3 semester hours**

Historical survey of the major visual arts from the Renaissance to the present. Emphasis is on major artistic styles, their origin and development; major works of art and their creators; correlation of the history of art with important events and developments in other spheres of man's experience.

**261. ART EDUCATION FOR ELEMENTARY GRADES**

**3 semester hours**

Methods and materials, principles, and fundamentals of art used in the elementary grades. Emphasis is on experience to provide for creative expression in the classroom, centered about the interests of the child, on correlation of art with other subject areas. Students are allowed to explore a wide variety of media for both two- and three-dimensional work. 2 hours of lecture and 1 studio hour. Materials fee: \$5.00.

**311. GRAPHICS I**

**3 semester hours**

The development of creative ability and technical skill in the graphic media of linoprint, woodcut, intaglio, and lithoprint. Prerequisite: Art 111. 1 hour of lecture and 5 studio hours. Materials fee: \$10.00.

**312. GRAPHICS II**

**3 semester hours**

A continuation of Art 311, which is a prerequisite. Materials fee: \$10.00.

**491. STUDIO PROBLEMS**

**1, 2, or 3 semester hours**

Individual study and experimentation. Open to students at all levels, with permission of the Art Department staff only. Maximum total credit: 6 semester hours.

## Biology

*Chairman:* Associate Professor Ryals

*Professor:* Whittinghill

*Associate Professors:* Morgan, Rao

*Assistant Professors:* Fields, House

A major in Biology requires Biology 111-112, 211, 322, 351, 441, 471-472, and at least 6 additional hours in Biology; Physics 111, 112; Chemistry 111, 112, and 211-212. Biology majors planning to teach in secondary schools must take Biology 111-112, 211, 322, 333, 351, 441, 471-472 plus at least 4 additional hours in Biology; Physics 111, 112; Chemistry 111, 112 and 211-212. The recommended foreign language is either French or German. Students who plan to attend graduate school will also need Biology 212, 321, 341, and 342; Chemistry 311 and 312; Mathematics 160, and at least 3 hours of statistics.



A minor in Biology requires Biology 111-112, 261-262, plus three of the following: Biology 321, 331, 441. An alternative minor in Biology requires Biology 111-112 plus four additional courses of Biology approved for major credit.

#### **101. BASIC CONCEPTS IN BIOLOGY**

**4 semester hours**

Partially satisfies the general mathematics-science requirements of the College. A concepts approach that integrates basic biological chemistry, bioenergetics, cell structure and function, reproduction, inheritance, evolution and ecology. 3 class hours, 1 laboratory per week. No credit to the student having prior credit for Biology 111. No credit toward the Biology major or minor.

#### **111-112. GENERAL BIOLOGY**

**4 semester hours each semester**

Fundamentals principles and concepts including structure and function at the cellular and organismal levels. Topics covered are basic chemical and physical laws, energy transformations, heredity, ecological principles and evolution. 3 class hours, 1 laboratory per week. A continuous course which must be completed for credit toward a degree.

#### **161-162. TOPICS IN MEDICAL ANATOMY AND PHYSIOLOGY**

**4 semester hours each semester**

An introduction to the structure and function of the human body emphasizing homeostatic and pathological mechanisms. Areas included are: body organization, support and movement, integration and coordination, processing and transporting, and reproduction. Required of Medical Laboratory Technician majors. No credit toward Biology major or minor. Three class hours, one laboratory per week. A continuous course which must be completed for credit toward a degree.

#### **201. ENVIRONMENTAL CONSERVATION**

**3 semester hours**

An interdisciplinary study of the interrelationships of man and the environment. Social, economic, ethical, and political aspects of man's impact on environment are studied from a bio-ecological perspective. Student participation and research are mandatory. 3 class hours. Prerequisite: sophomore or higher standing. No credit toward the Biology major or minor.

#### **211. COMPARATIVE VERTEBRATE EMBRYOLOGY**

**4 semester hours**

The developmental process with emphasis on gametogenesis, differentiation, organogenesis, and morphogenic patterns of development as it occurs in the frog, chick, and a mammal. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112.

#### **212. COMPARATIVE VERTEBRATE ANATOMY**

**4 semester hours**

A comprehensive, comparative study of chordate anatomy with emphasis on evolution and morphology of systems. Lower chordates and vertebrates are used in dissection and study. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, 211.

#### **260. A SURVEY OF THE BIOLOGICAL SCIENCES FOR ELEMENTARY EDUCATION MAJORS**

**4 semester hours**

A survey of the biological sciences. Laboratory work includes experiments of a basic nature as well as techniques of presenting classroom demonstrations. 3 class hours, 1 laboratory per week. For Elementary Education majors only.

#### **261-262. HUMAN ANATOMY AND PHYSIOLOGY**

**3 semester hours each semester**

The structure and function of the human body including the cellular, skeletal, muscular, nervous, endocrine, respiratory, circulatory, metabolic, renal, and reproductive aspects. 3 class hours, 1 laboratory per week. Required of physical education majors. No credit toward Biology major. Prerequisites: Biology 111-112. A continuous course which must be completed for credit toward a degree.

#### **321. MICROBIOLOGY**

**4 semester hours**

A general survey of microorganisms with emphasis on bacteria, their cytophysiological characteristics and classification, viruses, microbial diseases and immunity, and the role of microorganisms in human affairs are included. Laboratory work covers staining procedures,

selective and differential media, pure culture techniques, and biochemical characterization of bacteria. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 111, 112.

**322. CELLULAR BIOLOGY****4 semester hours**

Ultrastructure of typical eucaryotic and procaryotic cells and the relationship between structure and function of subcellular components. Mechanisms of cellular reproduction, respiration, photosynthesis, and protein synthesis are included. Also discussed are general properties of viruses, control of cellular differentiation, growth and development, and molecular genetics. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 211-212.

**331. INVERTEBRATE ZOOLOGY****4 semester hours**

The taxonomy, morphology, ecology, and life histories of selected types of invertebrate animals. 3 class hours, 1 laboratory per week. Offered alternate years. Prerequisites: Biology 111-112.

**333. GENERAL BOTANY****4 semester hours**

A survey of the plant kingdom with emphasis on vascular plants. Topics covered are general morphology, anatomy, physiology of metabolism and growth, economic importance, and identification. 3 class hours, 1 laboratory per week. Offered alternate years. Prerequisites: Biology 111-112.

**341. ANIMAL PHYSIOLOGY****4 semester hours**

Emphasizes the functions, regulatory processes and responses occurring in the organ systems of the animal body. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 111, 112.

**342. PLANT PHYSIOLOGY****4 semester hours**

A study of the life processes of plants. Topics include photosynthesis, mineral nutrients, movement of materials, plant growth substances, and senescence. Offered alternate years. 3 lecture hours, 1 laboratory per week. Prerequisites: Biology 111-112; Chemistry 111, 112.

**351. GENERAL ECOLOGY****4 semester hours**

A study of the interrelationships of organisms with their biotic and abiotic environments. Ecological principles at the population, community and ecosystem levels are discussed. Teaching methods will be by lectures, readings, scheduled laboratory and field studies. 3 lecture hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 211, 212.

**391. RESEARCH****1 or 2 semester hours each semester**

Library and laboratory or field research by the individual student under the direction of the departmental faculty. Open to students at all levels. Maximum total credit, 8 semester hours. Prerequisite: permission of the Biology staff.

**441. GENETICS****4 semester hours**

An introduction to the Mendelian and molecular principles of genetics and the applications of these principles to the modern world. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 111, 112, or permission of the instructor.

**451. LIMNOLOGY****4 semester hours**

Physical, chemical and biological factors of inland waters and their influence upon aquatic organisms. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 111, 112.

**471, 472. SEMINAR****1 semester hour each semester**

Advanced study consisting of reading reports and discussions of subjects in the field of Biology not normally included in other offerings of the department. Enables the student to pursue special areas of interest and to discuss these with fellow students and faculty. For Biology majors or by permission of instructor.

**481. INTERNSHIP****1-2 semester hours each semester****491. INDEPENDENT STUDY****1-3 semester hours**

## Business Administration

*Chairman, Department of Business Administration, Accounting and Business Education:* Associate Professor Marr

*Professors:* Anderson, Feinberg, Sanders, Sholtzberger

*Associate Professors:* Toney, J. F. Williams, Baxter

*Assistant Professors:* Price, Weavil, Wheeler

A major in Business Administration requires Business Administration 111, 311, 321, 322, 323, 329, 411, 412, 426; Accounting 211, 212. Additional course requirements are Economics 211, 212, 246, 331, 347 and Mathematics 111 (or demonstrate proficiency), 160, 161 (or calculus sequence). All majors, especially those preparing for graduate study, are encouraged to take additional courses in Accounting and Mathematics.

A minor in Business Administration requires Business Administration 111, 323; Accounting 211, 212; and Economics 211, 212.

### **111. APPLIED MATHEMATICS FOR BUSINESS**

**3 semester hours**

Main emphasis is on discounts, simple interest, compound interest and present value concepts. Other topics include problem solving, equations, percent, depreciation, markup, and graphical presentation of data.

### **302. BUSINESS COMMUNICATIONS**

**3 semester hours**

Provides instruction and practice in writing business reports, business letters, and other business communications, and a basis for insight into the mechanics of effective writing. Emphasis is placed on clarity, conciseness, and organization in both written and oral expression.

### **311. PRINCIPLES OF MARKETING**

**3 semester hours**

The forces involved in the flow of goods from the point of production to the point of consumption, and the channels of distribution. The interest of the consumer; the marketing function; commodity, agricultural and industrial marketing; merchandising considerations; price policies; and governmental regulation of competition. Prerequisites: Economics 211, 212.

### **312. MARKETING RESEARCH**

**3 semester hours**

An application of research methods to the marketing functions. Emphasis is placed upon gathering and analyzing market data, and the relationship of research findings to the decision-making process of the firm. Prerequisites: Business Administration 311, Economics 246.

### **313. ADVERTISING**

**3 semester hours**

The organization and functions of advertising. Topics include economic and social aspects, planning the campaign, creating the message, media, and measuring the effectiveness of advertising. Prerequisite: Business Administration 311 or permission of instructor.

### **316. PRINCIPLES OF RETAILING**

**3 semester hours**

The important procedures underlying successful retail store operation. Major factors studied are consumer demand; modern retail institutions; organization; location; layout and equipment; buying and pricing; receiving, marking, and stock control; merchandising functions; customer services, credit management; personnel relations; and financial control. Prerequisite: Business Administration 311 or permission of instructor.

### **321, 322. BUSINESS LAW**

**3 semester hours each semester**

Begins with an intensive study of contracts and advances through the case methods in covering legal principles governing the conduct of business. Agency, partnership, bailments, personal property and sales are covered in the first semester; insurance, negotiable instruments, suretyship and guaranty, labor, carriers and corporations in the second semester. Prerequisites: Economics 211, 212, or permission of instructor.

**323. PRINCIPLES OF MANAGEMENT****3 semester hours**

An introduction to the precepts expounded by the classical, the scientific and the behavioral management approaches, with particular emphasis on organization and qualitative decision theory.

**325. PERSONNEL ADMINISTRATION****3 semester hours**

A study of the basic personnel practices, objectives, functions, and organization of personnel programs. Topics include job evaluation, selection and placement, testing, promotion, compensation, training, safety and health, and employee relationships. Prerequisite: Business Administration 323.

**329. DATA PROCESSING****3 semester hours**

An introduction to systems design and processing of data therein; designed to provide the student with a basic understanding of data processing principles and equipment, and to describe the impact on the organization. Included are planning, hardware, and information system concepts.

**411. MANAGERIAL FINANCE****3 semester hours**

Principles of finance applied to corporate management. Ratio analysis, financial forecasting, working capital management, capital budgeting, capital structure, and financial structure are principal components. Money and capital market procedures and instruments are also given emphasis. Prerequisites: Accounting 211, 212, Economics 211, 212, 246.

**412. OPERATIONS RESEARCH****3 semester hours**

The application of the scientific method and quantitative techniques to the analysis and solution of managerial decision problems. Focus is on system's approach with reliance on mathematical models and methods and knowledge from several disciplines. Prerequisites: Economics 347 and Senior status.

**416. FUNDAMENTALS OF INSURANCE****3 semester hours**

The basic principles underlying insurance contracts and the scope of coverage under the several divisions of insurance including life, fire, casualty, marine, bonds, and automobile insurance. The subject is covered from the viewpoints of personal, business, social, and special group needs. The newer forms of coverage are given special attention.

**421. INVESTMENT PRINCIPLES****3 semester hours**

Designed to enable investors to manage a fund according to a predetermined objective. Emphasis on the factors of safety, income, and marketability; diversification and vigilance; the bases of analysis of company management and industry trends to determine the present and prospective values of securities; and the kinds of investment opportunities available to investors. Prerequisites: Accounting 211, 212, Economics 211, 212.

**422. BUSINESS AND SOCIETY****3 semester hours**

Relationship of the organization to its social and legal environment; interaction of firms, customers, and agencies of the federal, state, and local governments; environmental effects on individuals and the general economy; the firm as a citizen.

**423. BUSINESS POLICY****3 semester hours**

A business capstone course intended to integrate the student's background, experiences, and previous business core and major business curriculum through case studies and business decision simulation exercises; development of an effective conceptual approach to integrating administrative policy, strategies, and decision making; diagnosis, analysis, and solution of interrelated administrative problems.

**426. PRODUCTION AND OPERATIONS MANAGEMENT****3 semester hours**

Principles of management applied to production systems. Main emphasis is given to: production capacity planning; job design; standards and work measurement; scheduling; quality control; and inventory management. Prerequisites: Business Administration 323, Economics 211, 212, 246.

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours**

Advanced study consisting of readings, reports, and discussions of special topics. Participation by students, faculty, and other resource persons.

## 491. INDEPENDENT STUDY

1-3 semester hours

**Business Education**

*Chairman, Department of Business Administration, Accounting and Business Education:* Associate Professor Marr

*Associate Professors:* Council, Longest

*Assistant Professors:* Price, Weavil

A four-year major in Business Education requires Business Education 113, 114, 115, 118, 119, 130, 133, 312, 313; Business Administration 111, 311, 321, 323, 329, and 426; Accounting 211, 212; Economics 211, 212; Communications 210; and Psychology 211. In addition, the student will choose an area of concentration which reflects individual interests. The options available include:

1. General Secretarial.
2. Accounting which has additional requirements of Accounting 331, 332, plus either Accounting 336 or 441.
3. Management which has additional requirements of Business Administration 441, Accounting 336, and Economics 311.
4. Teacher Education and Business Office Education. A teacher trainee in this major must take 22 semester hours in Education in accordance with the Department of Education requirements. Students desiring to be certified in Business Office Education should check the current state requirements with their adviser. Students desiring certification in Basic Business may substitute accounting and business courses for shorthand courses with approval of the departmental faculty and the Dean of Academic Affairs.

A minor in Business Education requires Business 113 and 114, or 114 and 115, or 115 and 312; 118 and 119, or 119 and 313; 121; 130; 133; Business Administration 323.

The requirements for one- and two-year Secretarial Science Programs are listed following the courses of instruction.

**113, 114. ELEMENTARY SHORTHAND****3 semester hours each semester**

Planned for the development of an understanding of the fundamental principles of Gregg Shorthand with emphasis on reading ability and vocabulary. Designed to develop speed in taking dictation and accuracy in transcription with as much speed as practicable to produce a mailable letter. 5 class hours per week.

**115. INTERMEDIATE SHORTHAND****3 semester hours**

A review of fundamental principles, with concentration on improving techniques of taking dictation and transcribing copy. 4 or 5 hours per week.

**117. ELEMENTS OF BUSINESS****3 semester hours**

A survey of modern business functions designed to give students a working familiarity with modern business concepts, terminology and practices.

**118. ELEMENTARY TYPEWRITING****2 semester hours**

Designed to develop the basic skills in the operation of a typewriter. Typing of letters, tabulations, office forms, manuscripts. Drill for speed and accuracy. 5 class hours per week.

**119. INTERMEDIATE TYPEWRITING****2 semester hours**

Designed to help the student perfect skills and learn new techniques applicable to representative office typewriting problems. 4 or 5 class hours per week.



**121. BUSINESS ENGLISH ESSENTIALS****3 semester hours**

An intensive review of the fundamental principles of grammar, parts of speech, and usage. Study and practical application include styles of expressing numbers and using punctuation, capitalization, and abbreviations. Vocabulary expansion and refinement are stressed through analysis and construction of various sentence types and patterns.

**130. OFFICE MACHINES****1 semester hour**

To develop competencies in operating office machines. Includes instruction on ten-key and full keyboard adding machines, electronic and rotary calculators, transcribing and duplicating equipment. 3 laboratory hours per week. Prerequisites: Business Education 118 or equivalent; Business Administration 111.

**133. SECRETARIAL PROCEDURES****3 semester hours**

Designed to enable the student to understand and apply the techniques and procedures related to office operations. Emphasis on the development of decision-making abilities necessary for successful operational and managerial competencies. 3 class hours. Prerequisite: Business Education 118 or equivalent.

**312. ADVANCED DICTATION AND TRANSCRIPTION****3 semester hours**

Emphasis on the development and maintenance of skills used in recording speech at the expert level. Timed and office-style dictation based on the terminology of selected professions with emphasis on mailable transcripts. 3 class hours. Prerequisite: Business Education 115.

**313. ADVANCED TYPEWRITING****2 semester hours**

Projects and problems to develop knowledge and skills for typewriting in business applications. 3 class hours. Prerequisite: Business Education 119.

**321. BUSINESS AND OFFICE OCCUPATIONS****4 semester hours**

History, philosophy, and methods of organization of courses in business office education. Techniques of coordination of cooperative programs, feasibility studies, community surveys, and job analysis. Designed to prepare teachers to supervise cooperative and directed business and office education programs at the high school level.

**471. SEMINAR: SPECIAL TOPICS****3 semester hours**

Advanced study consisting of readings, reports, and discussions of special topics or specialized programs such as supervised cooperative work experience coordinated with seminar discussions.

## Chemistry

*Chairman, Department of Physical Sciences:* Associate Professor Mullen

*Professors:* Danielely, P. Cheek

*Part-time Assistant Professor:* R. Cheek

A major in Chemistry requires Chemistry 111, 112, 211-212, 311, 312, 411; Mathematics 111, 121; and Physics 111-112. Two years of German are recommended.

A minor in Chemistry requires Chemistry 111, 112, and twelve semester hours of Chemistry above the 100 level.

**101. BASIC CONCEPTS IN CHEMISTRY****4 semester hours**

A course designed to meet partially the general mathematics-science requirement of the College. Atomic structure, radiochemistry, chemical changes, descriptive chemistry of selected elements, organic chemistry. Lecture and recitation, three hours. No credit given to students having prior credit for Chemistry 111. No credit toward the Chemistry major or minor.

**103. BASIC CONCEPTS IN GEOLOGY****4 semester hours**

A topics approach which includes the nature and origin of rocks and minerals; origins of mountains; soil development; evolution of the landscape. 3 class hours, 3 laboratory hours. No credit toward the Chemistry major or minor.

**110. INTRODUCTION TO CHEMISTRY**

**3 semester hours**

Designed to provide the basic knowledge and skills which the student will need in Chemistry 111, 112. Recommended for students with little or no high school preparation in chemistry or meager background in mathematics. No credit given to students having prior credit for Chemistry 111 or 101. No credit toward Chemistry major or minor.

**111, 112. GENERAL CHEMISTRY**

**4 semester hours each semester**

Fundamental principles of inorganic, physical, and experimental chemistry. Atomic structure as it is related to the classification of the elements and the nature of their compounds. The more common elements and compounds are considered, and organic chemistry is studied briefly. Prerequisite to all other courses in chemistry. 3 class hours, 3 laboratory hours.

**201. CHEMISTRY AND SOCIETY**

**3 semester hours**

A study of energy demands and supplies, the "energy crisis," alternate energy sources, and the environmental issues involved. Prerequisite: Chemistry 101 or 111 or permission of instructor.

**211-212. ORGANIC CHEMISTRY**

**4 semester hours each semester**

Chemistry of the compounds of carbon. Aliphatic, aromatic, alicyclic, and heterocyclic compounds are studied as to importance, methods of preparation, electronic structure, chemical and physical properties, and industrial and medicinal use. Laboratory work consists of preparation, purification, properties, and qualitative identification of typical compounds. 3 class hours, 3 laboratory hours. A continuous course which must be completed for credit toward a degree.

**260. A SURVEY OF THE PHYSICAL SCIENCES FOR  
ELEMENTARY EDUCATION MAJORS**

**4 semester hours**

A survey of the physical sciences. Laboratory work includes experiments of a basic nature as well as techniques of presenting classroom demonstrations. 3 class hours, 3 laboratory hours. For Elementary Education majors only. No credit toward the Chemistry major or minor. (Chemistry 260 is the same as Physics 260.)

**311 QUANTITATIVE ANALYSIS I**

**4 semester hours**

Theory and techniques of volumetric and gravimetric procedures. 2 class hours, 4 laboratory hours.

**312. QUANTITATIVE ANALYSIS II**

**4 semester hours**

Further quantitative work, with emphasis on optical, electrical, chromatographic techniques. 2 class hours, 4 laboratory hours.

**391. INDEPENDENT STUDY**

**1-2 semester hours**

Library and/or laboratory study by the individual student. Open to students at all levels. Prerequisite: permission of the Chemistry staff. Maximum credit, 8 semester hours.

**411. INTRODUCTORY PHYSICAL CHEMISTRY**

**4 semester hours**

Topics in thermodynamics, kinetics, colligative properties of solutions, and colloids. 3 class hours, 3 laboratory hours.

**471. SEMINAR: SPECIAL TOPICS**

**1-2 semester hours**

Advanced topics to meet the needs and interests of the students. Admission by permission of the department.

## Commercial Leisure and Sports Management

The Commercial Leisure and Sports Management program is listed under Physical Education and Health.

## Communications

*Chairman, Department of Literature, Languages and Communications:* Associate Professor Bland  
*Professor:* Priestley  
*Assistant Professors:* Angyal, Gill, Ponder  
*Instructor:* Gibson

A major in English-Journalism requires English 111, 112 or 222, 231 or 232, 242 or 243, 351, plus 9 semester hours of English courses at the 300-400 level. Additional requirements are Communications 210, 225, 245, 325, 326, 345, 420, plus 12 semester hours of Communications courses at the 300-400 level.

A minor in Communications with a concentration in Journalism requires Communications 210, 225, 325, English 351, plus three courses (9 hours) selected from Communications 245, 310, 326, 371, 381, 420, 426, 450, and 491.

A minor in Communications with a concentration in Radio Broadcasting requires Communications 210, 225, 245, 345, plus three courses (9 hours) selected from Communications 310, 325, 362, 371, 381, 450, and 491.

### **101. PARLIAMENTARY PROCEDURE**

**1 semester hour**

A study of the rules which govern the proceedings of the deliberative assemblies, correlated with practice in the use of these rules. Emphasis on the practical application of parliamentary procedure in the conduct of meetings.

### **210. PUBLIC SPEAKING**

**3 semester hours**

The fundamentals of public speaking; principles, actual practice, and constructive criticism. Prerequisites: English 111, 112.

### **225. REPORTING AND NEWS WRITING**

**3 semester hours**

A study of news gathering and writing with practical experience to enable the students to cover news events, gather facts, and write news articles. Each student will contribute articles to *The Pendulum*, the college weekly newspaper. Students in journalism should demonstrate proficiency in typing, spelling and grammar. Prerequisites: English 111, 112 or permission of instructor.

### **245. RADIO BROADCASTING**

**3 semester hours**

An introduction to broadcasting, including the history, regulation, ethics, physics, and capabilities of radio as a mass medium. Coursework includes scripting, newswriting, announcing, interviewing, and production techniques. Students are encouraged to become involved with the campus radio station. Prerequisites: English 111, 112 or permission of instructor.

### **260. ORAL INTERPRETATION OF LITERATURE**

**3 semester hours**

The critical analysis and oral presentation of prose, poetry and drama. Emphasis on oral reading techniques necessary for communicating the author's meaning to an audience. Prerequisites: English 111, 112.

### **271. SPECIAL TOPICS**

**1-3 semester hours**

### **310. ARGUMENTATION AND PERSUASION**

**3 semester hours**

Analysis of issues in current problems; use of evidence, reasoning and refutation in oral argumentation/persuasion. Special attention given to practical application in teaching, business and community meetings. Prerequisites: English 111, 112 and Communications 210.

**325. NEWS EDITING AND LAYOUT**

**3 semester hours**

A study of copyediting of news. Students will continue to work as reporters but in addition will proofread, edit, and lay out copy for *The Pendulum* and other publications. Prerequisite: Communications 225.

**326. FEATURE WRITING FOR NEWSPAPERS AND MAGAZINES**

**3 semester hours**

A practical course in the preparation, writing, editing and marketing of magazine and newspaper feature articles. Prerequisite: English 111.

**345. BROADCAST JOURNALISM**

**3 semester hours**

A critical approach to the gathering, reporting, and production of television and radio news. Students will discuss and evaluate news, commentary, and sports features. Each student will create and produce a series of documentary programs. Prerequisite: Communications 245.

**360. INTRODUCTION TO THEATER**

**3 semester hours**

An exploration of the theater as a dynamic art form and an introduction to how the actor, director, and designer work together to create a play. Outstanding plays of major periods will be used to demonstrate technical and aesthetic problems in theater production. No credit on the general humanities requirement. Prerequisites: English 111, 112.

**361. THEATER WORKSHOP**

**3 semester hours**

A continuation of Communications 360 with emphasis on student direction and production of scenes and short plays for studio and public performance. Course will include an exposure to reader's theater, improvisation, mime, and oral interpretation. Problems in acting, directing, staging, lighting, costuming, and other stage crafts will be covered in the course. No credit on the general humanities requirement. Prerequisites: English 111, 112.

**362. A STUDY OF FILMS**

**3 semester hours**

(Same course as English 362. See English 362 for description.)

**371. SEMINAR: SPECIAL TOPICS**

**1-3 semester hours**

Specialized study of topics or themes in communications. Examples are voice and diction, radio theater, reviewing of the fine arts, photojournalism, and magazine journalism.

**381. PRACTICUM IN COMMUNICATIONS**

**1-3 semester hours**

Work experiences at an advanced level in some aspect of broadcasting or journalism, offered on an individual basis when suitable opportunities can be arranged. On or off campus.

**420. JOURNALISM HISTORY, LAW AND ETHICS**

**3 semester hours**

A survey of the history of journalism, primarily in the United States, to the present with attention to freedom of speech, the press, laws and ethics affecting the print media, radio and television. Prerequisites: Communications 225, 245.

**426. ADVANCED EDITING AND EDITORIAL WRITING**

**3 semester hours**

Emphasis on editing copy for newspapers and magazines, writing headlines, and writing editorials for dailies and weeklies. Prerequisites: Communications 225, 325, and English 250 (or equivalent test on grammar). An ability to type is highly recommended.

**450. CRITICISM OF BOOKS, PLAYS, FILMS, AND TELEVISION**

**3 semester hours**

Theories, methods, and practice of criticism as applied to current books, plays, films, and television. Prerequisites: English 111, 112.

**491. INDEPENDENT STUDY**

**1-3 semester hours**

## Computer Science

*Chairman, Department of Mathematics and Computer Science:* Associate Professor Francis

*Associate Professors:* Alexander, Haworth

*Assistant Professor:* Parks

**211. INTRODUCTION TO COMPUTER SCIENCE AND BASIC** **3 semester hours**

An introductory course in computers and computer programming using the BASIC language. The student will study procedures for interactive program execution, concepts of computer organization, and components of BASIC. Intended for any student interested in computer concepts. Prerequisite: Mathematics 111 or permission of instructor.

**221. FORTRAN PROGRAMMING LANGUAGE** **3 semester hours**

A programming course in the FORTRAN language. Flowcharting language structure and programming methods will be studied. Prerequisite: Mathematics 111 or permission of instructor.

## Cytotechnology

*Chairman, Department of Biology:* Associate Professor Ryals

*Medical Director:* Adjunct Associate Professor Weingarten

*Educational Coordinator:* Flinchum

Elon College offers Bachelor of Science and Associate in Science Programs in Cytotechnology in cooperation with Biomedical Laboratories of Burlington. For program details contact the Admissions Office or the chairman of the Department of Biology.

## Economics

*Chairman:* Professor Anderson

*Associate Professors:* Toney, J. F. Williams

A major in Economics requires Economics 211, 212, 246, 311, 321, 331, 347, 411, 413, and 6 semester hours of economics, electives on the junior-senior level. (Accounting 336 may be substituted for 3 elective hours in economics.) Additional course requirements are: Mathematics 111, 160 (or higher than 111); Accounting 211, 212; and Business Administration 412. Recommended electives include Business Administration 111, 329, 426; Philosophy 113; Mathematics 121.

A minor in Economics requires Economics 211, 212, 311, 413, and 6 semester hours of economics electives.

**211, 212. PRINCIPLES OF ECONOMICS** **3 semester hours each semester**

National accounts, employment, fluctuations, money and banking, economic stabilization. Price theory, market structures, distribution theory, international trade.

**246. STATISTICS FOR MANAGEMENT DECISIONS** **3 semester hours**

Collection, presentation, analysis and interpretation of statistical data. Descriptive tools for frequency distributions, central tendency and dispersion. Sampling theory and sampling distributions. Techniques for statistical inference include estimation and hypothesis testing for one and two samples, quality control, and correlation and regression analysis. Use of computer for applied problems. One hour laboratory per week required. Prerequisites: Mathematics 111, 160.

**311. INTERMEDIATE ECONOMIC THEORY** **3 semester hours**

Intermediate price theory, market structure, and distribution theory. Prerequisites: Economics 211, 212.

**312. COMPARATIVE ECONOMIC SYSTEMS** **3 semester hours**

Study of capitalism, Marxian theory, and theoretical socialism. Included is an in-depth analysis of British Socialism and the economy of the Soviet Union. Prerequisites: Economics 211, 212. Offered alternate years.

**313. LABOR ECONOMICS** **3 semester hours**

Study of the historical development, structure, government, and specific problems of the trade union movement. Emphasis is placed on collective bargaining, the economics of the labor market, minimum wages, maximum hours, and governmental security programs and labor law. Prerequisites: Economics 211, 212. Winter term only.



**321. MANAGERIAL ECONOMICS****3 semester hours**

Elementary quantitative tools applied to the theory of the firm and consumer theory settings, including optimization, utility theory, demand and costs, and market structures. Prerequisites: Economics 211, 212; Mathematics 111, 160.

**331. MONEY AND BANKING****3 semester hours**

Study of history, structure, functions, and operations of our commercial and central banking system. Emphasis is placed on monetary theory, monetary policy, and the mechanism of international payments. Prerequisites: Economics 211, 212.

**332. PUBLIC FINANCE****3 semester hours**

A positive and normative approach to the role of government in the economy. Public expenditures are discussed in light of pure theory, the theory of social choice, and practical application. The approach to taxation involves theory, resource allocation, income distribution, and analysis of various forms of taxation. Taxation and expenditure are coordinated through public goods theory and fiscal federalism. Prerequisites: Economics 211, 212.

**347. STATISTICAL ANALYSIS****3 semester hours**

Applications of statistical techniques of analysis of variance and covariance, simple and multiple correlation and regression to interpretation of standard designs used in scientific research; Non-parametric Tests; Index Numbers and Time Series Analysis. Use of computer for applied problems. One hour laboratory per week required. Prerequisite: Economics 246.

**411. DEVELOPMENT OF ECONOMIC THOUGHT****3 semester hours**

Development of economic thought from antiquity to the present. Identification of various schools of economic thought and critical evaluation of content. Prerequisites: Economics 211, 212. Offered alternate years.

**412. INTERNATIONAL TRADE AND FINANCE****3 semester hours**

A study of fundamental principles of international economic relations. Subjects include: the economic basis for international specialization and trade; economic gains from trade; balance of international payments; problems of international finance; and international investments. Prerequisites: Economics 211, 212.

**413. INTERMEDIATE MACROECONOMIC THEORY****3 semester hours**

National income accounting, business cycles, economic growth, forecasting, and economic stabilization. Prerequisites: Economics 211, 212. Offered alternate years.

**471. SEMINAR: SPECIAL TOPICS****3 semester hours****491. INDEPENDENT STUDY****1-3 semester hours****Education**

*Chairman, Department of Education and Psychology:* Assistant Professor  
P. Williams

*Associate Professors:* Simon, Stone, J. W. Williams

*Assistant Professor:* Harper

The student planning to teach in North Carolina can fulfill the professional requirements by taking the education and psychology courses prescribed below. The student planning to teach in a state other than North Carolina should obtain a copy of the certification requirements for a public school teacher from the State Superintendent of Education in the state in which he plans to teach if the state does not have a reciprocity agreement with North Carolina.

Before being accepted into the teacher education program, the student must be approved by the faculty committee on teacher education; he is required to have and maintain at least a 2.10 average in his major and a 2.10 average overall. In all cases approval is subject to the discretion of the faculty committee, which bases its decisions upon a consideration of such factors as the above and the

following: the student must have satisfactory command of the English language (written and oral), and must be mentally, physically, morally, and emotionally acceptable for teaching. Application forms for the teacher education program are available in the office of the chairman of the teacher education committee and must be filed by November 1 or April 1 of the semester immediately prior to the beginning of the student's junior year.

To be approved for student teaching, a student must have at least a 2.20 grade point average.

Upon completion of quantitative requirements a student must have an average of at least 2.10 in his major and a 2.20 cumulative average in order to be recommended for teacher certification to the North Carolina Department of Public Instruction.

All candidates for secondary school and special subject certification must have at least one course in a laboratory science, at least one course in Mathematics, and a course in the teaching of reading at the secondary level. Candidates for elementary school certification must take Mathematics 261 and 262, Biology 260 and Chemistry 260 (or Physics 260).

The normal sequence of professional education courses to be taken by the student approved for teacher training is as follows:

#### **Elementary School**

Second year: Psychology 211 and Education 211.

Third year: Psychology 321, Education 321, and Math 261.

Fourth year: Psychology 331, and Math 262.

Fourth year (during student teaching semester): Education 311, Education 473, and Education 481.

#### **Secondary School**

Second year: same as above.

Third year: Psychology 321, Education 211 (if the course was not taken during the second year), and Education 322.

Fourth year (during fall semester): Education 472 (subject area).

Fourth year (during student teaching semester): Psychology 341, Education 311, Education 471, and Education 481.

#### **Requirements for an Elementary Education Major**

A major in Elementary Education consists of courses necessary to meet requirements for Early Childhood or Intermediate certification in the public schools of North Carolina.

Those students seeking certification in the Intermediate grades (4 through 9) are required to have two subject area concentrations. These areas are Social Studies and one of the following: English, Math/Science, Mathematics, Music, Physical Education.

Required courses common to both Intermediate and Early Childhood certification programs include the following: Art 261, Biology 260 and Chemistry 260 (or Physics 260); Economics 211; Fine Arts 211; English 111, 112, 221 or 222, 231 or 232, 301; Geography 121, 131; History 211, 212; Mathematics 261, 262; Physical Education 360 or 361; Political Science 231; Sociology 111, 112; Psychology 211, 321, 331; and Education 211, 311, 321, 473, 481.

#### **211. INTRODUCTION TO EDUCATION**

**3 semester hours**

A study of teaching as a profession; public school organization and administration; curriculum; financial support; co-curricular activities; accreditation and teacher certification; teacher's role in public relations.

**281. PRACTICUM PRIOR TO STUDENT TEACHING****1 or 3 semester hours**

Designed for sophomore and juniors as a pre-student teaching field experience. Students will work full day as teacher aides in the local school system. One semester hour credit for Business Education majors, others, 3 semester hours. Winter term only.

**311. FOUNDATIONS OF EDUCATION****3 semester hours**

The historical development and philosophical bases of public education in America; the school's role and influence in society; the teacher's role as it has emerged from the philosophies, practices, and policies of public education. Prerequisite: Education 211.

**321. READING IN THE LOWER GRADES****3 semester hours**

A study of the fundamental processes by which a child learns to read, with attention to readiness factors, vocabulary development, word attack, and comprehension skills. Required of all students seeking early childhood and intermediate certification. Prerequisite: Junior or Senior status.

**322. READING IN THE UPPER GRADES****3 semester hours**

A study of the reading process and reading problems of students above the primary level. Study includes the reading process, diagnosis of reading difficulties, remedial techniques, standardized tests, vocabulary building. Required of all students seeking secondary and special subject certification. Prerequisite: Junior or Senior status.

**471. MATERIALS AND METHODS OF HIGH SCHOOL TEACHING****2 semester hours**

Study of the general methods, techniques and practices applied in the secondary school. Open only to seniors and scheduled in conjunction with student teaching. Taught in conjunction with Education 472, the course in materials and methods of each subject-matter concentration, listed below.

**472a. MATERIALS AND METHODS OF TEACHING  
HIGH SCHOOL BUSINESS EDUCATION****2 semester hours**

Training in teaching business subjects offered in the high school program; emphasis on methods of evaluating student performance, on the professional development of the business education teacher, and on materials used on the teaching of basic business. Winter term only.

**472b. MATERIALS AND METHODS OF TEACHING  
HIGH SCHOOL ENGLISH****3 semester hours**

A study of the content and organization of the English curriculum; emphasis upon the methods and materials used in teaching reading, literature, grammar, oral and written expression. Fall semester only, prior to student teaching in Spring semester.

**472d. MATERIALS AND METHODS OF TEACHING  
HIGH SCHOOL MATHEMATICS****3 semester hours**

A study of the objectives and content of the mathematics curriculum, and the materials, techniques, tests and methods of evaluation used in the teaching of mathematics. Fall semester only.

**472e. MATERIALS AND METHODS OF TEACHING HEALTH  
AND PHYSICAL EDUCATION****3 semester hours**

Methods, materials, and techniques of teaching skills in the school health, physical education curriculum; organization and planning of the total curriculum as well as daily programs; laboratory experiences in observing and conducting activity classes in on-campus student teaching in conjunction with activity classes. Should be taken during junior year.

**472f. MATERIALS AND METHODS OF TEACHING  
HIGH SCHOOL SCIENCE****2 semester hours**

The role of science in the secondary school curriculum. Current trends and methods used in teaching the Natural Sciences. Selection and organization of materials; familiarization with course content and some texts in current use; materials available and their sources. Laboratory and classroom methods; evaluation of laboratory work, classroom work, testing. Opportunity to do experimental organization and teaching to members of the student's own group; emphasis on Biology, Chemistry or Physics, depending upon the prospective teacher's major discipline. Fall semester only.

#### **472g. MATERIALS AND METHODS OF TEACHING**

##### **HIGH SCHOOL SOCIAL STUDIES**

**3 semester hours**

A study of the materials and methods of teaching social studies. Emphasis upon planning, organization, objectives, and evaluation. Required classroom observation. Fall semester only, prior to student teaching in Spring semester.

#### **473. MATERIALS AND METHODS IN ELEMENTARY EDUCATION**

**6 semester hours**

Investigation, evaluation, and selection of content, materials and methods used in the organization, planning, and teaching of language arts, social studies, science and mathematics in the elementary school. Open only to seniors and scheduled in conjunction with student teaching.

#### **481. SUPERVISED OBSERVATION AND STUDENT TEACHING**

**6 semester hours**

This course provides the student with actual experience in the classroom on a full-time basis for a period of eight weeks, with periodic conferences with the supervisor and a short seminar at the end of the student teaching term. The student becomes acquainted with the duties and observes the methods and activities of an experienced teacher with gradual induction into full-time teaching responsibilities. History and English majors, Spring semester only.

## **English**

*Chairman, Department of Literature, Languages and Communications:* Associate Professor Bland

*Professors:* Blake, Priestley, Smith

*Associate Professors:* Berry, Gerow

*Assistant Professors:* Angyal, Brittain, Cochran, Euliss, Gill, Mackay, Maness, Ponder

*Instructor:* Migniuolo

The major in English requires English 111, 112, 211, 221 or 222, 231, 232, 242 or 360, 243 or 320 or 361, 330 or 331 or 332, 334 or 335, 420 or 431, two courses selected from 250, 351, 352, 353; plus nine hours of electives in English (at least six of which must be on the 300-400 level). In addition to providing a broad range of courses, the English major allows the student to concentrate on one or more of the following areas: British literature, American literature, international literature, and the English language. Students majoring in English for teacher certification are required to take English 111, 112, 211, 221 or 222, 231, 232, 242 or 360, 243 or 320 or 361, 250, 351, 352, 353, 420, plus nine hours of electives in English (at least six of which must be on the 300-400 level); Communications 210.

Students are admitted to English courses numbered 200 and above by successfully completing English 111 and 112, by scoring in the 50th percentile or above on the CLEP "Freshman English" exam for English 111 credit and "College Composition" for English 112 credit.

Recommended electives for the English major include Communications, Fine Arts 211, History 211, 212, 311, 312, 343, French 211, 212, German 211, 212, Philosophy 113, 333, 352, 431, 432, Religion 111 and 252.

The major in English-Journalism requires English 111, 112, 221 or 222, 231 or 232, 242 or 243, 351, plus 9 semester hours of English courses at the 300-400 level. Additional requirements are Communication 210, 225, 245, 325, 326, 345, 420, plus 12 semester hours of Communications courses at the 300-400 level.

The minor in English requires 18 hours of English courses beyond English 111 and 112, at least nine hours of which must be 300-400 level courses.

**100. BASIC WRITING SKILLS****3 semester hours**

Basic writing skills course required of all entering students except those who can demonstrate writing competence. This course does not satisfy the general distribution requirement in humanities or the requirements for English major or minor. "C" minimum grade required as prerequisite for English 111. Not open to students with credit for English 111. Laboratory required.

**106. READING SKILLS****2 semester hours**

A laboratory course designed to help students improve their reading comprehension, to increase their reading speed to appropriate levels, and to increase their vocabulary. Required of all entering students except those who can demonstrate reading competence. This course does not satisfy the general distribution requirement in humanities or the requirements for the English major or minor.

**111. FRESHMAN ENGLISH****3 semester hours**

A course in composition emphasizing grammar, sentence clarity, paragraph construction, and patterns of organization for entire essays. Some class time will be used for individual instruction. Frequent papers.

**112. FRESHMAN COMPOSITION AND RESEARCH METHODS****3 semester hours.**

A continuation of English 111. A study of composition emphasizing logic and argument with some attention given to development of tone and style in the writing of essays. In addition prose literature and research methods will be studied, and several assignments will require use of library materials. Prerequisite: English 111.

**211. INTRODUCTION TO LITERATURE****3 semester hours**

A study of the characteristics of fiction, drama and poetry. Emphasis on how to interpret these kinds of literature and assess their traditional identifying characteristics. Prerequisites: English 111, 112.

**221. AMERICAN LITERATURE I****3 semester hours**

A survey of American Literature from the Colonial Period to 1860 as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

**222. AMERICAN LITERATURE II****3 semester hours**

A survey of American Literature from 1860 to the present as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

**231. ENGLISH LITERATURE I****3 semester hours**

A survey of English Literature from Beowulf to the end of the eighteenth century as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

**232. ENGLISH LITERATURE II****3 semester hours**

A survey of English Literature from the beginning of the nineteenth century to the present as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

**241. CLASSICAL LITERATURE****3 semester hours**

A study of the stories of Greek and Roman mythology and their influences on Western European literature, theater, music, and art. No credit toward the English major or minor.

**242. WORLD LITERATURE I****3 semester hours**

A survey of World Literature from the Book of Job through Montaigne as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

**243. WORLD LITERATURE II****3 semester hours**

A survey of World Literature from Neoclassical to modern writers as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

**250. FUNDAMENTALS OF GRAMMAR****3 semester hours**

A thorough study of the traditional description of the English language for the purpose of teaching terminology, parts of speech, grammatical structures, and correct usage at the level



of standard written English. Will also emphasize the direct relationship between these skills and such matters as clear, expository expression, rhetorical patterns, and effective punctuation. Prerequisites: English 111, 112.

### **271. SPECIAL TOPICS**

**1-3 semester hours**

A study of a restricted subject such as the writings of a single writer, a comparative study of two or three writers, or a significant theme that recurs in literature. Each individual subject may be taken for credit.

### **301. CHILDREN'S LITERATURE**

**3 semester hours**

Children's literature as a basis for the selection and production of reading or story material for children in the primary and elementary grades. Examination of the field of children's literature and folk literature to discover reading which satisfies modern educational requirements. No credit on the English major or minor. Prerequisites: English 111, 112.

### **320. LITERATURE OF THE SOUTH**

**3 semester hours**

A study of twentieth-century Southern literature, its background and themes, with attention given to major writers of the century and to significant contemporaries. Prerequisites: English 111, 112.

### **330. CHAUCER**

**3 semester hours**

An in-depth study of Chaucer's major works set against the intellectual background of the late Middle Ages: the greater portion of *The Canterbury Tales*, *Troilus and Cressida*, two dream visions and several of the lyrics. Prerequisites: English 111, 112.

### **331. SHAKESPEARE**

**3 semester hours**

The study of a selected group of Shakespeare's comedies, tragedies, and histories. Prerequisites: English 111, 112.

### **332. MILTON**

**3 semester hours**

A study of selected works of Milton in poetry and prose as reflected against the intellectual background of the seventeenth century. Prerequisites: English 111, 112.

### **334. STUDIES IN THE ROMANTIC PERIOD**

**3 semester hours**

An intensive study of selected major literary figures of the Romantic Period with interpretive and biographical emphases. Topics to vary. Prerequisites: English 111, 112.

### **335. STUDIES IN THE VICTORIAN PERIOD**

**3 semester hours**

Selected readings in the prose and poetry of nineteenth-century England (1832-1900). Included in the study will be Tennyson, Browning, Carlyle, Arnold and others, as well as some characteristics of the period. Prerequisites: English 111, 112.

### **351. THE ENGLISH LANGUAGE**

**3 semester hours**

A study of the growth and development of the English language, its phonological and morphological changes, and its dialectical variations in the United States; a review also of traditional grammar. Prerequisites: English 111, 112.

### **352. INTRODUCTION TO RHETORIC**

**3 semester hours**

A study of the resources of language as a vehicle of communication. The emphasis is on the practical application of these resources to the problems of written communication by the writing of frequent papers. Prerequisites: English 111, 112.

### **353. INTRODUCTION TO LINGUISTICS**

**3 semester hours**

A study of traditional grammar and of the transformational-generative systems of language description. Prerequisites: English 111, 112.

**360. DRAMATIC LITERATURE I****3 semester hours**

A survey of classical, oriental and European drama from the Greek tragedians through French Neoclassical and German Romantic playwrights. Course will include a study of the origins of theater, dramatic theory, and the evolution of dramatic literature. Prerequisites: English 111, 112.

**361. DRAMATIC LITERATURE II****3 semester hours**

A close reading and analysis of world drama of the late nineteenth and twentieth centuries, from Ibsen and Chekhov through Albee and Shaffer. Course will include an introduction to critical concepts and vocabulary of the modern theater. Prerequisites: English 111, 112.

**362. A STUDY OF FILMS****3 semester hours**

A survey of significant world cinema, using films that illustrate differences in national cultures, chief periods and types of film-making, and the achievements in techniques and ideas of the greatest directors. Small fee. Prerequisites: English 111, 112. (English 362 is the same as Communications 362.)

**365. LITERATURE AND THEOLOGY****3 semester hours**

A study focusing on the relationship between the literary and theological disciplines with special attention to critical essays in this field with discussion of contemporary literature illustrative of various approaches to religious questions. Prerequisites: English 111, 112. (English 365 is the same as Religion 365.)

**371. SEMINAR: SPECIAL TOPICS****3 semester hours**

Open only to English majors at junior or senior standing or by special permission of the instructor.

**420. THE AMERICAN NOVEL****3 semester hours**

A study of representative types of American novels from the nineteenth century to the present. Prerequisites: English 111, 112.

**431. THE BRITISH NOVEL****3 semester hours**

A study of representative types of British novels from the eighteenth century to the present. Prerequisites: English 111, 112.

**432. ENGLISH STUDIES IN BRITAIN****3 semester hours**

A study-tour based in London with emphasis on the theater and places of literary and cultural importance. Excursions to such places as Stratford-upon-Avon, Stonehenge, and Canterbury. Prerequisite: English 111. No credit on the English minor.

**441. POETRY****3 semester hours**

A study of the major types of poetry. Prerequisites: English 111, 112.

**491. INDEPENDENT STUDY****1-3 semester hours**

## Fine Arts

*Chairman:* Professor Westafer

*Associate Professors:* Bragg, Daniel, J. White

**211. INTRODUCTION TO FINE ARTS****3 semester hours**

A comparative study of major artistic styles and representative examples of painting, sculpture, architecture, music, dance and drama. Designed to help the student discover universal esthetic qualities common to all art works.

**271. SPECIAL TOPICS****1-3 semester hours**

## Foreign Languages

*Chairman, Department of Literature, Languages and Communications: Associate Professor Bland*

*Associate Professor: C. White*

*Assistant Professors: Baynes, W. Rich, M. Taylor*

A minor in foreign languages requires 18 semester hours (or the equivalent) of language instruction. At least 12 of the hours must be taken in one language.

### **FRENCH 111, 112. ELEMENTARY FRENCH**

**3 semester hours each semester**

Introduction to the essentials of French Grammar, pronunciation, composition, conversation, and civilization. Extensive use of films designed to increase listening and speaking skills in everyday settings.

### **FRENCH 211, 212. INTERMEDIATE FRENCH**

**3 semester hours each semester**

Systematic review of the fundamentals of French at an intermediate level. Continuation of the French 111, 112 film series to emphasize listening and speaking skills. Readings will be designed to increase vocabulary and promote cultural discussions. Prerequisites: two units of high school French or French 111, 112 or equivalent.

### **GERMAN 111, 112. ELEMENTARY GERMAN**

**3 semester hours each semester**

Introduction to the essentials of German grammar, pronunciation, composition, conversation, and civilization. Extensive use of films designed to increase listening and speaking skills in everyday settings.

### **GERMAN 211, 212. INTERMEDIATE GERMAN**

**3 semester hours each semester**

Systematic review of the fundamentals of German at an intermediate level. Continuation of the German 111, 112 film series to emphasize listening and speaking skills. Readings will be designed to increase vocabulary and promote cultural discussions. Prerequisites: two units of high school German or German 111, 112 or equivalent.

### **GREEK 111-112. ELEMENTARY GREEK**

**3 semester hours each semester**

Mastery of declensions and conjugations, synopsis of verbs, word analysis, derivation and composition, and simpler principles. Drill in pronunciation by reading Greek aloud. Offered alternate years. A continuous course which must be completed for credit toward a degree.

### **GREEK 211, 212. INTERMEDIATE NEW TESTAMENT GREEK**

**3 semester hours each semester**

Intermediate Greek grammar with emphasis on readings in the New Testament. Textual problems, and problems and methods of interpretation. Prerequisites: Greek 111-112. Offered alternate years.

### **SPANISH 111, 112. ELEMENTARY SPANISH**

**3 semester hours each semester**

Essentials of grammar, pronunciation, composition, conversation.

### **SPANISH 211, 212. INTERMEDIATE SPANISH**

**3 semester hours each semester**

Systematic review of the fundamentals of Spanish, with oral drill, composition, and emphasis on development of reading skills. Prerequisites: two units of high school Spanish or Spanish 111, 112.

### **FOREIGN LANGUAGE 371. SEMINAR: SPECIAL TOPICS**

**1-3 semester hours**

### **FOREIGN LANGUAGE 491. INDEPENDENT STUDY**

**1-3 semester hours**

Readings and study of selected materials covering specific topics, authors, or periods of foreign literature and civilization under the guidance of a member of the staff.

## Geography

*Chairman, Department of Social Sciences:* Associate Professor Watts

*Assistant Professor:* Cates

A minor in Geography requires Geography 121, 131, and 12 additional hours chosen from Geography, Biology 201, and Chemistry 103.

### **121. PHYSICAL GEOGRAPHY**

**3 semester hours**

A study of man's natural environment. Elements studied are weather and climate, water bodies, soils, natural vegetation, wildlife and landforms. Emphasis on interrelations among these environmental elements, their world-wide patterns, man's adaptations to them and impact on them, and maps used to represent them.

### **131. WORLD REGIONAL GEOGRAPHY**

**3 semester hours**

A study of the natural environment and human characteristics of the world's major regions. Emphasis on distinguishing characteristics and major problems of each region and on the nature of man's adaptation in each.

### **211. ECONOMIC GEOGRAPHY**

**3 semester hours**

A study of the human and environmental influences on the locations of the different types of economic activity and the resulting spatial patterns. Emphasis on location of agricultural and manufacturing production and the distribution of the various land uses within cities. Offered alternate years.

### **311. GEOGRAPHY OF THE UNITED STATES AND CANADA**

**3 semester hours**

A study of Anglo-America's natural environment, population, and human activities. A description of continental patterns is followed by concentration on the subregions. Offered alternate years.

### **321. GEOGRAPHY OF EUROPE**

**3 semester hours**

A study of the environmental and human characteristics of Europe. Continent-wide patterns are studied as well as the subregions and countries which make up Europe. Offered alternate years.

### **341. URBAN GEOGRAPHY**

**3 semester hours**

The spatial study of urban settlement. The system of cities, emphasizing the relationships among cities and between cities and their tributary areas. The internal land-use and activity patterns of cities, with particular reference to North American developments. Offered alternate years.

### **351. POPULATION GEOGRAPHY**

**3 semester hours**

An analysis of population distribution/density, mortality/fertility, and movement/migration. Past and current trends in population numbers and characteristics are examined, stressing economic and cultural impacts. The future is considered in relation to the known resource base. Offered alternate years.

### **491. INDEPENDENT STUDY**

**1-3 semester hours**

## History

*Chairman, Department of Social Sciences:* Associate Professor Watts

*Professors:* Delp, Moncure

*Associate Professors:* Crowe, Lowry, C. Troxler, G. Troxler

*Assistant Professor:* R. Holt

*Instructor:* L. Rich

A major in History requires History 111, 112, 211, 212, one seminar course, plus 18 semester hours of electives in History; 3 semester hours from Political Science; plus 9 semester hours on the junior-senior level from the Social Sciences, Literature, Religion, or from any course in Philosophy, Psychology, or Foreign Language.

History majors receiving teacher certification must have Geography 131 and Political Science 231 in addition to the required professional education courses. (Political Science 231 fulfills the requirement of 3 semester hours in Political Science.)

A minor in History requires History 111, 112, 211, 212, one seminar, and three elective hours in History. A minor in American History requires History 211, 212, one seminar in American History, and nine elective hours in United States or Latin American History. A minor in European History requires History 111, 112, one seminar in European or English History, and nine elective hours from European, English, and/or Russian History.

**111, 112. HISTORY OF WESTERN CIVILIZATION** **3 semester hours each semester**  
European history from the era of pre-history to the present. The cultural and social development of the various ancient and European cultures is given equal emphasis with the course of events in political and economic spheres. History 111 covers the period from pre-history to the year 1660; History 112, the years 1660 to the present.

**211, 212. AMERICAN HISTORY** **3 semester hours each semester**  
American History from the period of discovery and colonization to the present. Emphasis is upon certain fundamental themes in American history and forces that have shaped American life. History 211 covers the period from discovery to 1864; History 212, the years from 1865 to the present.

**216. NORTH CAROLINA HISTORY** **3 semester hours**  
The history of North Carolina from the first discoveries of the area to the present. Includes study of political, agricultural, industrial, religious, educational, literary, and social developments. Recommended for all students. Prerequisites: History 211, 212.

**271. SPECIAL TOPICS** **1-3 semester hours**

**311, 312. HISTORY OF ENGLAND** **3 semester hours each semester**  
English history from the time of Britain's first contacts with the Roman world to the present. History 311 is a survey of English history to 1603; History 312 covers the period from 1603 to the present. Prerequisites: History 111, 112.

**313. THE HISTORY OF LATIN AMERICA TO 1825** **3 semester hours**  
The Americas south of the Rio Grande from the arrival of Europeans until most of the area gained political independence. Focus is on those developments that have molded contemporary Latin America. Major topics include Iberian exploration and settlement, the interaction of Amerind and Iberian cultures, the formation of Colonial societies, independence movements and formative socio-economic institutions. Prerequisites: History 111, 112 or 211, 212. Offered alternate years.

**314. THE HISTORY OF LATIN AMERICA FROM 1825 TO PRESENT** **3 semester hours**  
Chronological and regional frameworks are used to explore social, political, economic and intellectual developments in the Americas south of the Rio Grande since independence. Major focus is on the period since 1910. Prerequisite: History 313. Offered alternate years.

**315. THE HISTORY OF RUSSIA TO 1917: THE IMPERIAL PERIOD** **3 semester hours**  
A survey of Russian history from the founding of the Russian state to the fall of the Romanov dynasty in 1917. Emphasis is placed on the various elements in Russia's past that have molded its historical character. Prerequisites: History 111, 112. Offered alternate years.

**316. THE HISTORY OF RUSSIA SINCE 1917: THE SOVIET PERIOD** **3 semester hours**  
A detailed study of the personalities and political movements that have been important in Russia since the time of Lenin. The course will strongly emphasize Soviet domestic policies and their impact upon Russia and the world as well as the leadership role the USSR has played in the world communist movement. Prerequisites: History 111, 112. Offered alternate years.



**341. UNITED STATES FOREIGN POLICY TO 1939****3 semester hours**

Diplomatic history of the United States from the Revolution to the outbreak of World War II. Emphasis is on the political and constitutional influences on United States foreign relations and the evolution of major policies. Prerequisites: History 211, 212. Offered alternate years. (History 341 is the same as Political Science 341.)

**342. UNITED STATES FOREIGN POLICY SINCE 1939****3 semester hours**

(Same course as Political Science 342. See Political Science 342 for description.)

**343. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES****3 semester hours**

A study of influential trends arising from the experience of the American people in developing a national character. Particular attention is devoted to an analysis of philosophical, economic, literary and educational evolution of the nation from the colonial to the modern period. Prerequisites: History 211, 212. Offered alternate years.

**344. THE SOUTH IN AMERICAN HISTORY****3 semester hours**

The civilization of the South from the time the region became conscious of its identity to the present. All phases of life are surveyed, and particular consideration is given to the effects of the Civil War and Reconstruction, significant political trends, development in agriculture and industry, educational and cultural progress, the Negro, World War II, and the South today. Prerequisites: History 211, 212.

**348. THE UNITED STATES SINCE 1917****3 semester hours**

Contemporary American History with emphasis on the political, social, and intellectual forces which have shaped American development since United States entry into the First World War. Prerequisite: History 212.

**352. EUROPE 300-1300****3 semester hours**

The decline of Rome; the barbarian invasions; the rise of the papacy and the challenge of Islam are studied. Also the development of medieval political, economic and social institutions and the idea of a universal Christian Church. Prerequisites: History 111, 112. Offered alternate years.

**353. EUROPE 1300-1648****3 semester hours**

The various phases of the Renaissance, Italian and Northern are considered. Humanism and the rise of the secular state; the Protestant and Catholic Reformations; the political, economic and cultural developments contributing to the expansion of Europe are studied. Prerequisites: History 111, 112. Offered alternate years.

**354. EUROPE 1648-1815****3 semester hours**

The political, economic and social factors responsible for the English, American and French Revolutions and the Industrial Revolution will be studied as well as the struggles for Empire, the Napoleonic era, and the cultural, economic and political patterns of a changing society. Prerequisites: History 111, 112. Offered alternate years.

**355. EUROPE 1815-1914****3 semester hours**

Political, social, economic and cultural developments with particular attention to the national and international problems, especially development of the principles of nationalism, liberalism, and imperialism along with the growth of modern ideologies in their political and economic setting. Prerequisites: History 111, 112. Offered alternate years.

**357. THE TWENTIETH CENTURY, 1914****3 semester hours**

Contemporary global developments with special emphasis on the development and conflicts of democracy and dictatorship, two World Wars, and the problems and background of current history. Designed to aid the student in appraising present day issues. Prerequisites: History 111, 112, 211, 212.

**371. COLONIAL AMERICA****3 semester hours**

A topical approach to Early American History incorporating weekly seminars combining directed readings, class discussion and written reports. Topics of study include European exploration and a comparison of Spanish, French, and British colonization. Emphasis is on the political and social development of the English North American colonies. Prerequisite: History 211. Offered alternate years.

**372. THE ERA OF THE AMERICAN REVOLUTION 1763-1789** **3 semester hours**

Weekly seminars combining directed readings, class discussion and written reports. In a study beginning with colonial resistance to British policy and concluding with the framing of the Constitution equal emphasis is given to the philosophical basis of the revolution, military history, political developments, and social and economic trends. Prerequisite: History 211. Offered alternate years.

**373. ERA OF THE AMERICAN CIVIL WAR** **3 semester hours**

Readings and/or research in this period of American history. This course begins with an examination of the causes of the War between the States and culminates in a study of the conflict and leaders of the era. Prerequisites: History 211, 212. Offered alternate years.

**374. TWENTIETH CENTURY AMERICANS** **3 semester hours**

Readings and/or research on famous figures of twentieth-century America with special emphasis on those who have made notable contributions to the American way of life. Prerequisites: History 211, 212. Offered alternate years.

**375. READINGS IN THE HISTORY OF  
AMERICAN SOCIAL REFORM** **3 semester hours**

A study of primary and secondary sources relating to the movements which have effected social change in the United States from the period of the American Revolution to the present. Temperance, antislavery, communitarianism and minority rights are among the topics explored in depth. Prerequisites: History 211, 212. Offered alternate years.

**377. READINGS IN THE TUDOR PERIOD OF ENGLISH HISTORY** **3 semester hours**

Selected topics are the basis of directed readings and conferences and also of weekly meetings for oral reports and discussion. The new sovereignty, Crown-Parliament relations, the growth of Protestantism, social change, and commercial expansion are among the themes pursued from the accession of Henry VII in 1485 until the death of Elizabeth I in 1603. Prerequisites: History 111; History 311 or permission of instructor. Offered alternate years.

**378. READINGS IN THE STUART PERIOD OF ENGLISH HISTORY** **3 semester hours**

Selected topics are the basis of directed readings and conferences and also of weekly meetings for oral reports and discussion. The topics examine varied aspects of the conflicts which pulsed England during the "century of revolution," 1603-1714. Prerequisites: History 111; History 311 or permission of instructor. Offered alternate years.

**379. SELECTED READINGS ON THE SOVIET UNION** **3 semester hours**

A study of the Soviet Union from its inception in 1917 to the present day. Weekly discussion sessions focus on selected topics and readings chosen by the instructor and the student with emphasis on major historical trends in the Soviet past that relate to current Soviet policies and international relations. Prerequisites: History 111, 112. Offered alternate years.

**471. SEMINAR: SPECIAL TOPICS** **3 semester hours**

A specialized study of topics or themes in history by small groups or those participating in departmental travel programs. Does not fulfill history seminar major requirement. Non-travel projects open only to history or social science majors who have junior or senior standing or by special permission of the instructor. May be repeated for credit.

**481. INTERNSHIP IN APPLIED HISTORY** **3 semester hours**

An orientation program to familiarize students with careers in archives, records, historic sites, and museum administration; archaeology, the preservation of historic properties, and historical publications. Includes an orientation program and an internship of 10 hours per week for 10 weeks. Prerequisite: 18 semester hours of history. Offered Spring semester.

**491. INDEPENDENT STUDY** **3 semester hours**

Individual study of an area of special historical interest under a member of the history faculty. Open only to history majors and minors who have junior or senior standing or by permission of the instructor. Prerequisites: History 111, 112 or 211, 212.

## Human Services

*Chairman:* Assistant Professor Higgs

*Associate Professors:* Brogan, Marlette

A major in Human Services requires Human Services 211, 212, 231, 381, 411, 431, 481; Business Administration 323; Business Administration 329 or Computer Science 211; Economics 211; Mathematics 265; Psychology 211, 341, 421; Sociology 111, 211, 311; and Philosophy 111 or 115.

A major in Human Services prepares the graduate to work in society's many social welfare subsystems—health, education, mental health, welfare, family services, corrections, child care, vocational rehabilitation, housing, community service, and the law.

Prior to taking Human Services 381 students must be approved by the Human Services Screening Committee. Applications for the Practicum are available in the office of the Department Chairman. Applications for taking the Practicum in the Summer term must be submitted no later than March 1. Applications for taking the Practicum in the Winter term must be submitted no later than October 1. A minimum grade point average of 2.10 is required to be eligible for the Practicum.

All other major requirements must be completed prior to taking Human Services 481. Students who enroll in Human Services 481 may not take any courses other than the prescribed block courses. Applications for taking the Internship in the Fall Semester must be submitted no later than March 1. Applications for taking the Internship in the Spring Semester must be submitted no later than October 1. A minimum grade point average of 2.20 is required to be eligible for the Internship.

### **211. INTRODUCTION TO HUMAN SERVICES**

**3 semester hours**

A study of communities, their needs, and cooperative organizations and programs designed to meet needs of both individuals and groups. The organization and purposes of community agencies, private and public.

### **212. TECHNIQUES IN HUMAN SERVICES**

**3 semester hours**

A survey of communication skills for the human services worker including interviewing, active listening, observing, recording, reporting, referring and counseling. Emphasis is upon empathy, genuineness and nonpossessive warmth as essential to the helping relationship. Attention is given to attitudes and skills as well as knowledge. Prerequisite: Human Services 211.

### **231. SOCIAL GROUP WORK**

**3 semester hours**

The historic and generic development of group processes as it applies to age groups, family groups, and other groups. Problems of group organization, disorganization, and reorganization in society. Criteria for selection of group activities. Prerequisite: Psychology 211 or Sociology 111.

### **381. PRACTICUM IN HUMAN SERVICES**

**3 semester hours**

Preliminary field experiences to orient student in various areas of human services. Prerequisite: Human Services 211, 212.

### **411. ADMINISTRATION, SUPERVISION, AND FINANCING OF HUMAN SERVICE AGENCIES**

**3 semester hours**

Principles and techniques in the administration of human services. Planning, staff selection, budgeting, financing, management, working with boards and volunteer groups.

**431. PRINCIPLES OF COUNSELING**

**3 semester hours**

Counseling techniques for persons who will work in the helping professions. Includes psychodynamics of behavior and the principles of individual and group counseling. Prerequisite: Psychology 421.

**481. INTERNSHIP**

**6 semester hours**

This course provides the student with actual experience in a human service agency on a full-time basis for 7-8 weeks. The student becomes acquainted with the duties and observes the methods and activities of experienced human service personnel.

**Journalism** The journalism program is listed under Communications.

**Library**

*Chairman:* Associate Professor Lowry

*Assistant Professors:* Lambert, Vickers

*Instructors:* Kirchen, Keller

**101. LIBRARY RESEARCH**

**1 semester hour**

A study of the resources of an academic library.

**Mathematics**

*Chairman, Department of Mathematics and Computer Science:* Associate Professor Francis

*Associate Professors:* Alexander, Barbee, Haworth, J. F. Williams

*Assistant Professors:* Evans, Parks

*Instructors:* Morrison, Speas

A major in mathematics requires Mathematics 111, 112, 121 (or 161), 221, 222, 311, 312, 321, 425; three courses from Mathematics 241, 331, 341, 421, 426; Physics 111, 112 and three semester hours of Computer Science.

For the student planning to teach mathematics required courses are Mathematics 111, 112, 121 (or 161), 221, 222, 311, 312, 321, 331, 341, 425; Physics 111, 112 and three semester hours of Computer Science.

A minor in Mathematics requires Mathematics 111, 112, 121 or 161, 221, 311, and one additional three semester hour course selected from Computer Science, Economics 246, or a Mathematics course numbered 200 or above (excluding 261, 262).

A student may exempt Math 111 and/or 112 by demonstrating proficiency.

Computer Science courses are listed under a separate heading in this catalog.

**100. INTRODUCTORY ALGEBRA**

**3 semester hours (class meets 5 hours a week)**

A course designed to strengthen the fundamental algebraic concepts of exponents, factoring, equation and inequality solving, algebraic fractions, radicals and applications. This course or a demonstrated competence is recommended of students desiring to take Math 111. This course is not applicable to general distribution requirements for Math-Science. No credit is given to students having passed Math 111, or a course for which Math 111 is a prerequisite.

**101. BASIC CONCEPTS IN MATHEMATICS**

**3 semester hours**

A course designed to meet partially the mathematics-science requirement of the College. The intent of the course is to give the student a basic understanding and appreciation of mathematical ideas. Topics are selected from: methods of counting, probability, statistics, number sequences, trigonometry, the metric system, geometry, systems of numeration, and computer concepts. No credit given to students having prior credit for Mathematics 111, 112, 121 or 161.

**111. COLLEGE ALGEBRA**

**3 semester hours**

Topics include sets, real numbers, equations, inequalities, exponents, polynomials, rational expressions, relations, functions, and graphs.

**112. TRIGONOMETRY AND ELEMENTARY FUNCTIONS****3 semester hours**

A course in basic functions. Topics include the arithmetic of functions; circular, trigonometric, exponential, logarithmic and inverse functions. Prerequisite: Mathematics 111 or competency.

**121. CALCULUS AND ANALYTIC GEOMETRY I****3 semester hours**

Introduction to analytic geometry; functions; limits and derivatives; differentiation of algebraic functions; applications to the derivative. Prerequisite: Mathematics 111 or competency. Credit will not be given for both Mathematics 121 and 161.

**160. TOPICS AND APPLICATIONS OF FINITE MATHEMATICS****3 semester hours**

A course designed as a service course to other departments and to fulfill partially the general mathematics-science requirement of the College. Topics have been chosen which lend themselves most easily to applications in other disciplines. Topics covered include progressions, matrices and determinants, linear systems, permutations, combinations, probability, and the binomial expansion.

**161. A CALCULUS OVERVIEW****3 semester hours**

A course designed as a service to other departments that desire a non-rigorous introduction to the concepts of function, limit, differentiation, integration and their respective applications. Not recommended for Mathematics majors. Prerequisite: Mathematics 111 or competency. Credit will not be given for both Mathematics 121 and 161.

**221. CALCULUS AND ANALYTIC GEOMETRY II****3 semester hours**

The conic sections and other algebraic curves; the definite integral; the definite integral as a limit of a sum; differentiation of transcendental functions. Prerequisites: Mathematics 112 and 121 (or 161).

**222. CALCULUS AND ANALYTIC GEOMETRY III****3 semester hours**

Formal integration; further applications; the mean value theorem and related topics; parametric equations, polar coordinates, and applications. Prerequisite: Mathematics 221.

**241. MATHEMATICAL LOGIC****3 semester hours**

An introduction to symbolic logic and axiomatics. Prerequisite: Mathematics 111 or permission of department.

**261, 262. MATHEMATICS FOR THE  
ELEMENTARY TEACHER****3 semester hours each semester**

A content course in mathematics open only to those students majoring in elementary education. Topics considered include: the nature of numbers, elementary logic; properties of the real number system and its subsystems, including the number line, number bases, modular arithmetic, and other topics from number theory; basic concepts of algebra, including the concepts of relation and function; informal geometry; applications. Prerequisite to Mathematics 262 is Mathematics 261.

**265. ELEMENTARY STATISTICS****3 semester hours**

A course in elementary statistics for students needing a general overview of modern statistics. Topics include organization of data, probability, measures of central tendency and variability, binomial and normal distributions, sampling, tests of hypothesis, estimation, correlation, regression and chi-square. Prerequisites: Mathematics 111 or demonstrated competency. Credit will not be given for both Mathematics 265 and Economics 246.

**311. LINEAR ALGEBRA****3 semester hours**

An introductory course in linear algebra covering the following topics: vectors, vector spaces, matrices, determinants, systems of linear equations, and linear transformations. Prerequisite: Mathematics 121.

**312. MODERN ALGEBRA****3 semester hours**

An introductory course in abstract algebra covering major elementary aspects of the subject; properties of the integers, congruence, the real and complex number systems, integral domains, rings, fields, groups and polynomials. Prerequisite: Mathematics 311.



**321. CALCULUS AND ANALYTIC GEOMETRY IV****3 semester hours**

Infinite series; solid analytic geometry; partial differentiation; multiple integration. Prerequisite: Mathematics 222.

**331. MODERN GEOMETRY****3 semester hours**

A rigorous treatment of the axiomatic foundations of Euclidean geometry through Hilbert's axioms; the role and independence of the parallel postulate, revealed through models and neutral geometry; historical and philosophical implications of the discovery of non-Euclidean geometry with an introduction to both hyperbolic and elliptic geometry. Prerequisite: Mathematics 221.

**341. PROBABILITY THEORY AND STATISTICS****3 semester hours**

Sample space, combinations, random variables, distributions, central limit theorem. Prerequisite: Mathematics 221.

**391. INDEPENDENT STUDY****1-2 semester hours**

Open to students at all levels. Prerequisite: Permission of the mathematics staff. May be repeated with different topics. Maximum total credit, 8 semester hours.

**421. DIFFERENTIAL EQUATIONS****3 semester hours**

Methods of solving and applications of ordinary differential equations. Prerequisite: Mathematics 222.

**425, 426. ANALYSIS****3 semester hours each semester**

A rigorous study of the real numbers, sequences, series, limits, continuity, differentiation and integration. Prerequisites: Mathematics 312, 321 or permission of department.

**471. SENIOR SEMINAR: SPECIAL TOPICS****3 semester hours**

Topics selected to meet the needs and interests of the student. Open to senior mathematics majors and others by permission of the department of mathematics. Winter term only.

## Medical Laboratory Technician

*Chairman:* Associate Professor Ryals

*Program Director:* G. Scott

*Adjunct Associate Professor:* Powell

*Adjunct Assistant Professors:* Flora, Geyer, Knesel

*Instructor:* Hilliard

The medical laboratory technician as defined by the American Society of Clinical Pathologists is one who has completed two years of college-level work, including science courses; or who has an equivalent education; who is able to perform more complicated laboratory procedures than a laboratory assistant; and who requires a limited amount of supervision by a physician or a medical technologist.

The Medical Laboratory Technician Program is offered in cooperation with Biomedical Laboratories of Burlington. The requirements for the Associate in Science degree are as follows: Medical Laboratory Technician 111-112, 221, 222, 223, 226, 231, 251, 281, 282, 283, 284, 285; Biology 161-162; Chemistry 111, 112; English 111, 112; Mathematics 111 (or higher); Psychology 211; Sociology 111; and 2 semester hours in Physical Education activity courses to total 76 semester hours. Admission to the Medical Laboratory Technician Program is selective because of the limited number of positions. A separate application is required. Application forms and policies are available in the Admissions Office.

For a Bachelor of Arts degree students who have completed the Medical Laboratory Technician Program should study the degree requirements in this catalog and consult the department chairman of the major field selected.

The requirements for the Bachelor of Applied Science are the same as the Associate in Science plus the following: Biology 211-212, 321, 341; Chemistry 211-212; completion of the General Education Distribution requirements; plus electives to total 126 semester hours.

**111-112. INTRODUCTION TO CLINICAL  
LABORATORY I & II**

**4 and 2 semester hours**

An orientation to Medical Laboratory Technology emphasizing the role of the medical laboratory technician in the health delivery system, medical terminology, basic laboratory techniques and modern instrumentation. Open only to students in the Medical Laboratory Technician program. Three class hours, one laboratory per week. A continuous course which must be completed for credit toward a degree.

**221. HEMATOLOGY**

**4 semester hours**

Formation, composition and function of blood. Study of the diseases of blood; anemias, leukemias, and others. Obtain blood and perform manual cell counts, coagulation studies and other hematological tests. Prerequisites: Biology 161, Chemistry 111, MLT 111-112.

**222. CLINICAL MICROBIOLOGY**

**3 semester hours**

Basic principles of microbiology including the preparation of media, planting of biological cultures, identification and differentiation of commonly occurring pathogens, sensitivity testing, and handling and disposal of contaminated materials, Microorganisms studied will include bacteria, parasites, rickettsia, and an introduction to viruses and fungi. Theories of immunology. Prerequisites: Biology 161-162; Chemistry 111, 112; MLT 111-112.

**223. IMMUNOHEMATOLOGY**

**3 semester hours**

Basic principles of blood banking, immunology and serology. Includes antigen-antibody reactions as they apply to preparation of blood for transfusion and identification of antibodies due to disease. Prerequisites: Biology 161-162; Chemistry 111, 112; MLT 111-112.

**226. URINALYSIS**

**1 semester hour**

Introduction to routine urine and body fluid examination. Study of urinary, gastrointestinal, and nervous system. Prerequisites: Biology 161-162; Chemistry 111, 112; MLT 111-112.

**231. CLINICAL CHEMISTRY**

**5 semester hours**

Introduction to basic clinical laboratory chemistry. Analysis of blood and other body fluid chemical constituents. Basic instrumentation including use of instruments, pipettes, solution preparation. Basic principles, normal values, testing procedures and basic lab technique. Introduction to quality control, preparation of filtrates, etc. Review of laboratory mathematics. Prerequisites: Biology 161-162; Chemistry 111, 112; MLT 111-112.

**251. CLINICAL COMPREHENSIVE**

**1 semester hour**

A comprehensive review of concepts in MLT practice, MLT theory, and MLT problem solving. Topics covered are those that frequently occur on the national certification examinations.

**281. URINALYSIS PRACTICUM**

**2 semester hours**

Practical application of knowledge and skills learned in MLT 226 in a clinical environment in order to develop a laboratory worker who can function in performing routine urinalysis procedures with minimal supervision and utilizing appropriate quality control. Primary manual with limited automated techniques will be used.

**282. MICROBIOLOGY PRACTICUM**

**4 semester hours**

Practical application of knowledge and skills learned in MLT 222 in a clinical environment using manual and limited automated techniques in order to develop a laboratory worker who can function in performing routine microbiological procedures with minimal supervision and utilizing appropriate quality control.

**283. HEMATOLOGY PRACTICUM**

**4 semester hours**

Practical application of knowledge and skills learned in MLT 221 in a clinical environment using manual and automated techniques in order to develop a laboratory worker who can

function in performing routine hematological procedures with minimal supervision and utilizing appropriate quality control.

#### **284. IMMUNOHEMATOLOGY PRACTICUM**

**5 semester hours**

Practical application of knowledge and skills learned in MLT 223 in a clinical environment using manual and limited automated techniques in order to develop a laboratory worker who can function in performing routine blood banking, serological, and immunological procedures with minimal supervision and utilizing appropriate quality control.

#### **285. CLINICAL CHEMISTRY PRACTICUM**

**5 semester hours**

Practical application of knowledge and skills learned in MLT 231 in a clinical environment using manual and automated techniques in order to develop a laboratory worker who can function in preparing solutions, performing routine mathematical operations, and performing routine chemical procedures with minimal supervision and utilizing appropriate quality control.

### **Military Science**

*Chairman, Professor:* Lt. Col Jones

*Assistant Professor:* Major Whittington

Elon College, in a cooperative agreement with North Carolina A & T State University, offers an Army Reserve Officers Training (ROTC) program.

The basic course in the ROTC is elective for all physically fit male and female freshmen and sophomores who are not less than 14 years of age. A student who has served in the Armed Forces may receive appropriate credit in the basic course.

*Programs of Instruction:* Programs of instruction for the Army ROTC include a four-year program and a two-year program. The four-year program consists of a two-year basic course, a two-year advanced course and the advanced ROTC Summer Camp. The two-year program encompasses a basic ROTC Summer Camp, a two-year advanced course and the advanced ROTC Summer Camp.

*Basic Course:* The basic course is normally taken during the freshman and sophomore years. The purpose of this instruction is to introduce the student to basic military subjects: Branches of the Army; familiarization with basic weapons, equipment and techniques; military organization and functions; and the techniques of leadership and command. It is from the students who successfully complete this instruction that the best qualified are selected for the advanced course which leads to officer's commission.

*Advanced Course:* The advanced course is designed to produce officers for the Army of the United States. Admission to the advanced course is on a best qualified basis. Successful completion of the Advanced Course qualifies the student for a commission as Second Lieutenant in one of the branches of the United States Army.

*Two-Year Program:* This program is designed for junior college students or sophomores at four-year institutions who have not taken ROTC. A basic six-week summer training period after the sophomore year takes the place of the basic course required of students in the traditional four-year program. When a student with two years of college has successfully completed the basic summer training, he is eligible for the advanced ROTC course in his junior and senior years. The advanced course, which leads to an officer commission, is the same for students in either the four-year program or the two-year program.

**111. INTRODUCTION OF THE CITIZEN/SOLDIER****1 semester hour**

An introduction to the mission, organization, and history of ROTC; military and civilian obligation in relation to National Security; individual arms and marksmanship techniques; emergency medical treatment.

**112. INTRODUCTION TO UNITED STATES MILITARY FORCES IN SUPPORT OF NATIONAL DEFENSE****1 semester hour**

A discussion of the mission and responsibilities of the United States Military Forces in support of national security with emphasis on the role of the individual participating citizen.

**211. LEADERSHIP DEVELOPMENT AND BRANCHES OF THE ARMY****1 semester hour**

A study of the functions, duties and responsibilities of junior leaders with the development of leadership to be conducted through practical exercises. The job areas that are available to the Army ROTC graduate are presented.

**212. ORIENTEERING****1 semester hour**

A detailed study of orienteering to include basic fundamentals of map reading, grid systems, scale and distance, elevation and relief, military symbols, direction and location, and utilization of the declination diagram. Emphasis will also be placed on some selected enrichment subjects and evaluation of leadership development and a basic introduction on military term theory.

**311. INTRODUCTION TO MILITARY TEAM THEORY****2 semester hours**

Fundamentals of the offensive and defensive tactics. Introduction to small unit communication systems. Internal defense operations. The role of each branch of the Army.

**312. LEADERSHIP TRAINING****2 semester hours**

Special emphasis on the psychological, physiological and sociological factors which affect human behavior. Military teaching principles and how they affect the student. Presummer camp training.

**411. SEMINARS IN LEADERSHIP AND PROFESSIONAL DEVELOPMENT****2 semester hours**

The relationship between commander and staff; utilization and employment of military intelligence principles; introduction to unit management and administration, introduction to military law; seminar on service life and career planning for commissioned officers.

**412. ADVANCED MILITARY TEAM THEORY AND ACTIVE DUTY ORIENTATION****2 semester hours**

A study of world change and military implications. A detailed study of Army and special type units. Introduction to various Army installations within the United States and abroad.

**Music**

*Chairman, Department of Fine Arts:* Professor Westafer

*Professor:* Artley

*Associate Professors:* Bragg, J. White

*Assistant Professors:* Apperson, Cofield, Glenn

A major in Music for the A.B. degree requires Music 111, 112, 211, 212, 311, 312, 411, 412, and either 313 and 314 or 413, plus applied music, 8 semesters of ensemble (choirs, band, orchestra), and concert attendance. Applied music requirements are met when the student has passed a proficiency test in his major performance area and has presented a formal solo recital approved by the music faculty. In addition to the degree, a diploma for outstanding performance may be earned in any area of applied music. This major should be elected by students having special interest in performance.

A major in General Music for the A.B. degree has the same courses, ensemble, and concert attendance requirements as the major in Music. A proficiency test in

the major performing medium must be passed, but the presentation of a full recital is not required. This major should not be elected by students planning careers as performers or as teachers in the public schools. However, it is appropriate for students who desire to pursue graduate study in theory, composition, or musicology.

A minor in Music requires Music 111, 112, 311 or 312, four semesters of ensemble (any combination of Music 101, 102, 103), and a minimum of eight semester hours credit in one area of concentration in applied music. Students lacking functional knowledge of the keyboard must accumulate two semester hours in piano either prior to, or simultaneously with, their enrollment in Music 111, 112.

Candidates for state certification for teaching in the public schools should enroll in the program leading to a B.S. degree in Music Education. Required for the degree are Music 111, 112, 211, 212, 311, 312, 313, 314, 370, 371, 372, 375, 376, 413, and 461-462, plus applied music, 9 semesters of ensemble (at least 2 hours must be in band and/or orchestra and at least 2 in choir), and concert attendance. Applied music requirements are met when the student has passed a proficiency test and given a half-recital in his major performing medium and has met requirements in voice, piano, and other instruments. Additional course requirements are Psychology 211, 321 and 341 and Education 211, 311 and 481.

All music education majors must pass their voice and piano proficiency examinations by the end of their sophomore year. If the examinations are failed at that time, the latest time they can be re-taken is the Winter Term of the junior year. If the examination has to be re-taken the entire examination must be re-taken. If the proficiency examinations are not passed by the end of the Winter Term of the junior year it will be necessary for the student to change majors.

Candidates for state certification who also meet requirements for the A.B. degree in Music are awarded the B.S. degree in Music and Music Education.

All students must appear in student recitals and musical programs at the discretion of their instructors.

Credit is granted for study in piano, voice, organ, and wind and string instruments. The general college student may, with the approval of his adviser, register for any courses offered in applied music.

#### **100. PERCUSSION**

**1 or 2 semester hours**

Thirty or sixty minutes of private instruction each week.

#### **101. BAND**

**1 semester hour**

Marching unit in fall, concert unit in spring.

#### **102. CHOIR**

**1 semester hour**

Mixed chorus open to all students in the College.

#### **103. ORCHESTRA**

**1 semester hour**

Concert group open to all interested students and townspeople.

#### **110. PERCUSSION CLASS**

**1 semester hour**

For non-music majors.

#### **111, 112. THE MATERIALS OF MUSIC**

**4 semester hours each semester**

A study of diatonic harmony: written and keyboard work, ear training, music reading, and harmonic analysis. Introduction to musical form and composition. Laboratory hours devoted to melodic and harmonic dictation, application of harmonic theory to the keyboard, and analysis of selected compositions. 3 class hours, 3 laboratory hours.



<b>120. WIND INSTRUMENT CLASS</b>	<b>1 semester hour</b>
Group instruction in the playing of woodwind or brass instruments.	
<b>121. FLUTE</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>122. OBOE</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>123. CLARINET</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>124. BASSOON</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>125. SAXOPHONE</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>126. TRUMPET</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>127. FRENCH HORN</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>128. TROMBONE</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>129. TUBA</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>130. PIANO CLASS</b>	<b>1 semester hour</b>
For non-music majors or music majors whose primary performance area is not piano.	
<b>131. PIANO</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>140. ORGAN CLASS</b>	<b>1 semester hour</b>
Group instruction in pipe organ.	
<b>141. ORGAN</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>150. VOICE CLASS</b>	<b>1 semester hour</b>
Group instruction in singing.	
<b>151. VOICE</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>160. STRINGS CLASS</b>	<b>1 semester hour</b>
Group instruction in the playing of stringed instruments.	
<b>161. VIOLIN</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>162. VIOLA</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>163. CELLO</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	
<b>164. BASS</b>	<b>1 or 2 semester hours</b>
Thirty or sixty minutes of private instruction each week.	

**211, 212. THE MATERIALS OF MUSIC****4 semester hours each semester**

A continuation of Music 111, 112 but on a more advanced level emphasizing chromatic harmony.

**261-262. MUSIC IN THE ELEMENTARY SCHOOL****3 semester hours each semester**

A study for the prospective classroom teacher of musical activities and experience appropriate for children in the elementary school, with consideration of methods, materials, and curriculum problems. Stress on the contributions of music in general education to the social and cultural life of the individual and the community. Required of all elementary education majors in Early Childhood Education. A continuous course which must be completed for credit toward a degree.

**265. MUSIC APPRECIATION****3 semester hours**

Designed for the non music major who wishes to gain insight into the art of music. No previous music study is required.

**311, 312. HISTORY OF MUSICAL STYLES AND STRUCTURES****4 semester hours each semester**

A survey of the traditions, technical elements, and changing styles of western music from ancient Greece to the present, with emphasis on the place of music in the total culture. Laboratory periods for performance, listening, and detailed structural analysis of illustrative selections from music literature. 3 class hours, 3 laboratory hours.

**313-314. CONDUCTING****1 semester hour each semester**

Development of skill in baton techniques and strengthening of musicianship through interpretive analysis of scores, with special attention to intonation, balance, and phrasing. Time is provided for practical experience in rehearsal techniques by means of work with performing ensembles, both instrumental and choral.

**370. PERCUSSION METHODS****1 semester hour**

For students seeking state certification in music, with emphasis on teaching materials and methods.

**371. BRASS METHODS****1 semester hour**

For students seeking state certification in music, with emphasis on teaching materials and methods.

**372. WOODWIND METHODS****1 semester hour**

For students seeking state certification in music, with emphasis on teaching materials and methods.

**375. VOICE METHODS****1 semester hour**

For students seeking state certification in music, with emphasis on teaching materials and methods.

**376. STRINGS METHOD****1 semester hour**

For students seeking state certification in music, with emphasis on teaching materials and methods.

**381. PRACTICUM IN CHURCH MUSIC****1 semester hour****411. COUNTERPOINT I****2 semester hours**

Renaissance counterpoint in two, three, and four parts, with application to various types of vocal and instrumental writing. Analysis of polyphonic compositions.

**412. COUNTERPOINT II****2 semester hours**

Baroque counterpoint in two, three, and four parts, with application to various types of vocal and instrumental writing. Analysis of contrapuntal compositions.

**413. INSTRUMENTAL AND CHORAL ARRANGING****2 semester hours**

Exploration of the technical possibilities and limitations of individual instruments and voices. Arranging for various instrumental and vocal combinations. Proficiency in transcribing piano and orchestra scores for full band.

**461-462. MUSIC EDUCATION IN THE PUBLIC SCHOOL** 3 semester hours each semester  
A study of methods and materials suitable for the elementary grades, with emphasis on creative experiences for the child. An evaluation of techniques and materials for various types of musical activities and study at the junior and senior school levels. A continuous course which must be completed for credit toward a degree.

**471. SEMINAR: SPECIAL TOPICS**

1 to 3 semester hours

Small group study under the guidance of a member of the department. Advance approval of area and method of study by the department is required.

**491. INDEPENDENT STUDY**

1-3 semester hours

Individual study under the guidance of a member of the department. Advance approval of area and method of study by the department is required.

**571. INSTRUMENTAL METHODS FOR BAND DIRECTORS**

2 semester hours

Offered each summer in connection with the annual Elon College Music Festival for junior and senior high school students. Concentrated study in instrumental techniques and the performance of solo and ensemble music under the direction of nationally known technicians. Practical experience in the supervision of student groups. Enrollment limited to junior and senior high school band directors desiring certification renewal credit.

## Philosophy

*Chairman:* Professor Sullivan

*Assistant Professor:* Waller

A major in Philosophy requires Philosophy 111, 113, 115, two courses from Philosophy 341, 342, 352, 355; four courses from Philosophy 331, 332, 333, 431, 432; Psychology 211, and 6 semester hours in either French, Greek, German, or Spanish. Recommended electives include Sociology, Political Science, English, History and Fine Arts.

A minor in Philosophy requires Philosophy 111, 113 and 115, plus 9 semester hours of additional Philosophy courses.

**111. INTRODUCTION TO PHILOSOPHY**

3 semester hours

Introduces student to the philosophical approach to an understanding of his world and the basic issues of human experience. Examines and formulates specific contemporary problems and analyzes them in terms of the concepts and approaches of such major philosophers as Plato, Aristotle, Aquinas, Locke, Hume, Kant, and Marx. Problems will be chosen to highlight the areas of ethics, legal and political thought, and religious philosophy. A major objective is to aid the student to develop an examined and coherent philosophy of life.

**113. LOGIC**

3 semester hours

A practical course in the art of thinking based upon an examination of the different types of reasoning and the requirements of logical consistency. What is the nature of inference and evidence? — How do various disciplines employ logic? — Exercises are given in the application of logical analysis to various kinds of argumentative discourse and to the avoidance of fallacies.

**115. ETHICS**

3 semester hours

A critical study of the principles of morality based upon the classical system of ethics. Application of these principles to specific situations in which moral choices are made by individuals and policy-making bodies. Attention is given to helping the individual student develop an effective personal philosophy of value judgments.

**242. AGES AND STAGES OF LIFE**

3 semester hours

A philosophical exploration of the turning points of a life; childhood and the problem of innocence; youth and the struggle with sexuality and identity; adulthood, career, and the concept of limits; age and the response to death. The course uses the tools of existential

analysis to examine biography and the life crises, drawing on both recent developmental theories and the resources of the philosophical tradition.

## 271. SPECIAL TOPICS

1-3 semester hours

### 331. ANCIENT PHILOSOPHY

3 semester hours

A study of the beginning of Western philosophy with concentration on the Golden Age of Greece. Focus is on Socrates, his predecessors, and his great successors, Plato and Aristotle. The thought of this period is foundational for literature and law, education and politics, theology and history.

### 332. MEDIEVAL PHILOSOPHY

3 semester hours

Designed to aid the student enter into the world view of the period 400-1400 A.D. Includes an exploration of the medieval sense of hierarchy as evidenced in the doctrine of the Great Chain of Being. Special focus is placed on (1) how Augustine adapted Plato, (2) how Aquinas came to terms with Aristotle, and (3) how these two important strands receive a poetic synthesis in Dante's *Divine Comedy*.

### 333. MODERN PHILOSOPHY

3 semester hours

Focus on the four crucial centuries (1500-1900) during which the modern Western world view developed. Specific attention given to developments in philosophical method, theory of knowledge and political philosophy. Major English and Continental thinkers such as Descartes, Locke, Hume, Kant, Hegel and Mill are studied.

### 341. PHILOSOPHY OF LAW

3 semester hours

A basic examination of the nature, function and limits of law. Attention is given to: human rights and natural justice, law and morality, theories of punishment, and questions of legal responsibility. The course is of particular interest to students of business and political science.

### 342. PHILOSOPHY AND SOCIETY

3 semester hours

A philosophical approach to the nature of society, looking toward the 21st Century. Attention is given to the nature of the person; the relation of the person to social institutions; and the problems which arise in scientific methods when man himself is the object of investigation.

### 352. EASTERN PHILOSOPHY

3 semester hours

Part I centers on ancient China and explores the *I Ching* as well as the thought of Lao Tsu and Confucius. Part II examines the insights of the Buddha and follows the Mahayana strand of Buddhism as it enters China and becomes Zen. Part III presents the spirit of Zen and its influences on the arts and culture of Japan.

### 355. PHILOSOPHICAL PROBLEMS OF RELIGION

3 semester hours

A discussion of the basic problems of thought which arise from confronting the beliefs and experiences of religious persons. What are the distinguishing characteristics of religion? — Can religious feelings and insights be expressed in common language? — By what criteria can conflicting religious beliefs be judged? — Of what value are the classical arguments for the existence of God? — What support is there for the belief in immortality? (Philosophy 355 is the same as Religion 355.)

### 431. CONTEMPORARY PHILOSOPHY

3 semester hours

Designed to acquaint students with currents of philosophical thought in the twentieth century and to develop the skills of inquiry appropriate to these areas. Part I examines British analytical philosophy and considers figures such as Russell, Wittgenstein, Ayer and Austin. Part II focuses on Existentialism and considers figures such as Sartre, Camus, Heidegger and Buber.

### 432. AMERICAN PHILOSOPHY

3 semester hours

An examination of the development of the American mentality from the colonial period to the present. Special attention is given to Edwards, Emerson, Dewey and Skinner as representative figures in the development of American culture. The course is of special interest to students of literature and history.

**471. SEMINAR: SPECIAL TOPICS****3 semester hours**

An in-depth investigation of the philosophical foundations of a selected discipline or of special problematics having philosophical implications.

**491. INDEPENDENT STUDY****3 semester hours**

## Physical Education and Health

*Chairman, Department of Health, Physical Education and Recreation:* Professor A. White

*Associate Professors:* Brown, Kelly

*Assistant Professors:* Beedle, Jackson, Johnson, Morningstar, Tolley, Yarborough

*Instructors:* Ballard, M. Carden, Ferguson, Gaskill

A major in Physical Education requires Physical Education 161 or 162, 211, 221, 261 or 262, 321, 411, 422, Biology 261-262, plus completion of at least one of the following three emphasis components:

- (1) Teacher certification for Physical Education requires Physical Education 120, 161 or 162 (one not taken in Core), 261 or 262 (one not taken in Core), 310, 360, 363, 365; one course from Physical Education 372, 373, 374, 377, 378; Physical Education 410 and 423. Additional requirements for teacher certification are Psychology 211, 321, 331, 341; Education 211, 311, 322, 471, 472e, 481; and at least 3 semester hours of Mathematics.

Students who desire teacher certification in the area of Health Education in addition to Physical Education teacher certification must complete the following requirements: Physical Education 120, 410, 423; Biology 201; Psychology 332; and Sociology 211.

- (2) Community Recreation requires Recreation 211, 322, 323, 424, 425; Business Administration 302; Communications 210; and Physical Education 310 and 481 (6 semester hours). Recreation courses are listed under a separate heading in this catalog.
- (3) Commercial Leisure and Sports Management requires Accounting 211, 212; Business Administration 302, 311, 323; Economics 212; Recreation 424; Physical Education 109 and 310. Recommended electives include Business Administration 312 or 316 and Physical Education 481.

Additional requirements for all emphasis components: (1) Each Physical Education major must purchase a regulation Physical Education uniform for use in all professional preparation courses. (2) Each Physical Education major must participate in two semesters of intramural or intercollegiate athletics.

A minor in Physical Education with a coaching concentration requires Physical Education 211, 221, 310, 410; two courses from Physical Education 372, 373, 374, 377, 378; and Physical Education 471 (Seminar in Athletic Coaching—3 semester hours).

A minor with a Physical Education concentration requires Physical Education 162, 211, 221, 261 or 262, 360 or 365, 410, 411.

A minor in Recreation requires Recreation 211, 322, 323, 424, and Physical Education 221 and 481 (3 semester hours).



**100. TENNIS AND BADMINTON****1 semester hour**

Progressive development of skills and strategies involved in the games of tennis and badminton. Rules, safety factors and etiquette are also stressed.

**101. HANDBALL AND RACQUETBALL****1 semester hour**

Progressive development of skills and strategies involved in the games of handball and racquetball. Rules, safety factors and etiquette are also stressed.

**102. ELEMENTARY GYMNASTICS****1 semester hour**

Progressive development of the basic skills in the areas of apparatus, floor exercise and tumbling.

**103. DANCE: FOLK, SQUARE, SOCIAL & CREATIVE****1 semester hour**

Study and participation in a wide variety of folk and square dances and the fundamentals of modern and social dancing.

**104. MODERN DANCE****1 semester hour**

Study and participation in modern dance techniques and styles as well as a study of the history, the choreography and outstanding modern dance personalities.

**105. GOLF AND ARCHERY****1 semester hour**

Progressive development of skills and strategies in the sports of golf and archery. Laboratory fee \$15.00.

**106. BEGINNING SWIMMING****1 semester hour**

The learning sequence is mental and physical adjustment to the water; buoyancy and body position; coordinating strokes pertaining to methods of finning, sculling, treading water; elementary and resting back stroke, back crawl and front crawl, water entries, personal safety, survival floating, underwater swimming, elementary forms of rescue, introduction to masks, fins, snorkel and resuscitation.

**107. INTERMEDIATE TO ADVANCED SWIMMING****1 semester hour**

Review of basic swimming strokes, introduction of advanced strokes, survival swimming and basic spring-board diving. Recommended to persons who plan to attain their senior life saving and water safety instructor's certificates.

**108. SENIOR LIFE SAVING AND SURVIVAL SWIMMING****1 semester hour**

The course is designed to cover the areas of advanced swimming and life saving, with emphasis placed on personal safety around water. Prerequisite: Be able to do the front crawl, side stroke and breast stroke or have passed PE 106 or 107 with a C or better.

**109. OVERLOAD CONDITIONING****1 semester hour**

Progressive development of physiological fitness designed to meet the needs of the individual student. Includes weight training and cardio-respiratory training.

**110. SNOW SKIING – BEGINNER TO ADVANCED****1-3 semester hours**

An introduction to snow skiing which permits the student to advance at his own rate. All work conducted at ski site. Offered during Christmas holidays (1 hour credit), and Winter Term (3 hours credit only.) Extra fees required. (For details, consult Physical Education Department Staff.)

**120. CONTEMPORARY HEALTH PROBLEMS AND PROCEDURES OF PRESENTATION****3 semester hours**

A study of contemporary health problems and issues. Topics for discussion include mental health, drug abuse, human sexuality, physical fitness, nutrition, and diseases. Includes methods of presentation of selected topics appropriate for public school students.

**161, 162. LIFETIME SPORTS SKILLS LABORATORY****2 semester hours**

Methods, materials, techniques and skills in teaching lifetime sports skills. Includes golf, archery, tennis, badminton, gymnastics, aquatics. Majors and minors only. Laboratory fee \$15.00 for PE 161.

**209. SKIN AND BASIC SCUBA DIVING**

**2 semester hours**

The course is designed to cover basic skin diving: laws of physics pertaining to the following: temperature, buoyance, humidity, vision, acoustics, gas laws, direct and indirect effects of pressure; marine life and environment; medical aspects of diving; first aid; SCUBA mechanics; how to read the decompression table; how to plan a SCUBA dive. Awards: YMCA basic SCUBA certification. Prerequisites: 15 years of age, pass a swim test, medical exam and payment of \$60.00 before the SCUBA work begins.

**211. HISTORY AND PRINCIPLES OF HEALTH, PHYSICAL  
EDUCATION AND RECREATION**

**3 semester hours**

An introductory study in the history of health education, physical education and recreation; philosophical, psychological, physiological, and sociological background for the teaching of health and physical education; basis for programs and organization of activities.

**220. FIRST AID (Non-Majors Only)**

**3 semester hours**

Emphasis placed upon the use of the Red Cross method of First Aid and CPR training. Opportunities to develop practical skills which simulate application of First Aid procedures to real-life emergencies.

**221. SPORTS MEDICINE/FIRST AID (Majors Only)**

**3 semester hours**

Emphasis is placed on the prevention and treatment of athletic injuries in various sports. Basic physiological and anatomical functions of the athlete are discussed. Basic first aid and CPR training are offered.

**260. SAFE DRIVING**

**3 semester hours**

The principles of teaching basic driving skills, including defensive driving, observation and interpretation of motor vehicle laws, adverse driving conditions, and care and use of the automobile. Classroom instruction and in-car instruction. Laboratory fee \$10.00.

**261, 262. TEAM SPORTS SKILLS LABORATORY**

**2 semester hours each semester**

Methods, materials, techniques and skills in teaching team sports. Includes soccer, field hockey, volleyball, basketball, softball and track and field. Majors and minors only.

**270. OFFICIATING**

**2 semester hours**

Designed to provide a thorough study of rules and mechanics of sport officiating. Practical experience in officiating may be provided in the area of the sports selected at the community and little leagues, junior high, and junior varsity levels.

**310. MOTOR LEARNING THEORY FOR TEACHING  
AND COACHING**

**3 semester hours**

Emphasis is placed upon qualities of the coach, influencing and controlling behavior during sports activities, vital relationships within the school and community, organization and planning for practice, training rules and how to enforce them, motivation and coaching ethics. Includes special study of contemporary, controversial athletic issues.

**321. KINESIOLOGY**

**3 semester hours**

The study of the musculo-skeletal system as it relates to physical and sports skills and the mechanical analysis of sports skills. Prerequisite: Biology 261.

**360. METHODS AND MATERIALS OF EARLY CHILDHOOD  
PHYSICAL EDUCATION (K-3)**

**3 semester hours**

Designed for early childhood teachers. Emphasis placed on movement education and basic skills teaching with opportunity for laboratory experience.

**361. METHODS AND MATERIALS OF INTERMEDIATE SCHOOL  
PHYSICAL EDUCATION (4-9)**

**3 semester hours**

Designed for intermediate teachers of Health and Physical Education. Various teaching methods, including a movement approach, for teaching basic skills and specific sports skills are explored. Opportunity is given for laboratory experience.

**363. METHODS AND MATERIALS OF GYMNASTICS****2 semester hours**

A study of gymnastics' teaching methods for the secondary and elementary school levels. Skill development, teaching techniques, and safety procedures are emphasized. Prerequisite: Physical Education major or P.E. 102 and permission of the instructor.

**365. METHODS AND MATERIALS OF RHYTHMS****3 semester hours**

Fundamental movements, basic rhythmic techniques, and basic dance steps. Includes folk dance, social dance, square dance, and creative dance, with emphasis on teaching methodology at the elementary and secondary school levels.

**372. METHODS OF COACHING FOOTBALL****2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching football.

**373. METHODS OF COACHING BASKETBALL****2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching basketball.

**374. METHODS OF COACHING TRACK AND FIELD  
AND BASEBALL****2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching track and field and baseball.

**377. METHODS OF COACHING WRESTLING AND SOCCER****2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching wrestling and soccer.

**378. METHODS OF COACHING FIELD HOCKEY  
AND VOLLEYBALL****2 semester hours**

A study of appropriate terms, drills, methods and strategy for coaching field hockey and volleyball.

**410. ORGANIZATION AND ADMINISTRATION OF HEALTH,  
PHYSICAL EDUCATION AND ATHLETICS****3 semester hours**

A study of appropriate organizational and administrative techniques needed to design and implement programs of physical education, health, intramurals, and athletics in schools and colleges or other appropriate settings.

**411. TESTS AND MEASUREMENTS IN HEALTH AND  
PHYSICAL EDUCATION****3 semester hours**

Includes techniques of the administration of basic motor ability tests, skill tests, and tests of associated and concomitant learnings in physical education and means of utilizing test data for specified purposes.

**422. PHYSIOLOGY OF EXERCISE****3 semester hours**

The study of the effects of exercise on the body. Included are the effects of various types of exercise training programs and the evaluation of physical fitness. Laboratory activities include determination of reaction time, muscular strength, somatotype and body composition. Prerequisites: Biology 261-262.

**423. ADAPTIVE PHYSICAL EDUCATION****3 semester hours**

A presentation of the various types of handicapped conditions of children and young adults and the modes in which physical education can be adapted to meet the specific needs and interests of these groups.

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours**

Topics selected to meet the needs and interests of students. Open to all Physical Education majors and minors or by permission of the Physical Education Department.

**481. INTERNSHIP IN PHYSICAL EDUCATION, RECREATION****1-6 semester hours**

This course is designed to give the student practical experience in Physical Education, Athletics or Recreation.

**491. INDEPENDENT STUDY****1-3 semester hours**

Topic to be selected to meet the needs and interest of the student. Open to all Physical Education majors or by permission of the Physical Education Department.

## Physics

*Chairman, Department of Physical Sciences:* Associate Professor Mullen

*Associate Professor:* Harris

A major in Physics requires Physics 111, 112, 211, 212, 311, 411, 421, 422; Mathematics 121, 221, 222, 421; Chemistry 111, 112. Students planning to attend graduate school should take Physics 412, 471 and Mathematics 311, 321, 425, 426. Students planning to teach in high school should take Biology 111-112 in addition to required courses.

A minor in Physics requires Physics 111, 112, 201, and three courses chosen from Physics 211, 212, 311 and 312.

### 101. BASIC CONCEPTS OF PHYSICS

4 semester hours

Designed to meet partially the general requirement of the College. Topics from mechanics, thermodynamics, electricity and magnetism, wave motion, and atomic structure. Lecture and laboratory. No credit given to students having prior credit for Physics 111.

### 102. FUNDAMENTALS OF ASTRONOMY

3 semester hours

A basic course designed to acquaint the non-science major with the many aspects and triumphs of astronomy as a modern science. Special emphasis on contemporary achievements. Lectures, laboratories and trips to nearby facilities. Prerequisite: Physics 101 or permission of instructor. Winter term only.

### 103. FUNDAMENTALS OF PHOTOGRAPHY

3 semester hours

A basic course providing an introduction to black and white photography. Topics include use of the adjustable 35 mm single-lens reflex camera, film processing, projection printing, and preparation of the finished mounted print: 2 class hours and 2 laboratory hours per week.

### 111, 112. GENERAL PHYSICS

4 semester hours each semester

An introductory course including topics from mechanics, thermodynamics, electricity, magnetism, optics, atomic and nuclear physics. 3 lectures and 1 laboratory session per week. Corequisite: Mathematics 112.

### 201. FUNDAMENTALS OF ELECTRONIC INSTRUMENTATION

3 semester hours

A survey of the fundamentals of electronic instrumentation designed primarily for science majors. Emphasis is on the operational aspects of electronics including basic circuit theory, devices and components, power supplies, amplifiers and hands-on experience with a variety of electronic measuring instruments. 2 class hours, 2 laboratory hours. Prerequisites: Physics 111, 112 or permission of instructor.

### 211, 212. MECHANICS AND HEAT

3 semester hours each semester

An introduction to classical mechanics and thermodynamics. Topics to include kinematics, Newton's Laws of motion, harmonic motion, central forces, rigid body motion, and the First and Second Laws of thermodynamics. Prerequisites: Physics 111, 112. Corequisite: Mathematics 121.

### 260. A SURVEY OF THE PHYSICAL SCIENCES FOR ELEMENTARY EDUCATION MAJORS

4 semester hours

(Same course as Chemistry 260. See Chemistry 260 for description.)

### 311, 312. ELECTROMAGNETISM AND OPTICS

3 semester hours each semester

Fundamental concepts of electromagnetics. Electric and magnetic fields; Maxwell's equations; electromagnetic radiation; and geometrical and physical optics are topics to be included. Prerequisites: Physics 111, 112. Corequisite: Mathematics 121.

### 391. INDEPENDENT STUDY

1 or 2 semester hours each semester

Library and/or laboratory research by the individual student. Open to students at all levels. Prerequisite: permission of Physics staff. Maximum total credit, 8 semester hours.

**411, 412. MODERN PHYSICS**

**3 semester hours each semester**

First semester to include early quantum theory and special relativity, statistical mechanics, atomic and nuclear physics. Second semester devoted to quantum mechanics and applications to atomic and nuclear systems. Prerequisites: Physics 111, 112. Corequisite: Mathematics 222.

**421, 422. ADVANCED LABORATORY**

**1 semester hour each semester**

Experiments in mechanics, thermal physics, electromagnetics, optics and atomic and nuclear physics designed to demonstrate physical phenomena, introduce research techniques, and provide training in the careful measurement of physical quantities. 3 laboratory hours per week. Senior physics majors only.

**471. SEMINAR: SPECIAL TOPICS**

**1-3 semester hours**

Advanced topics selected to meet the needs and interests of the students. Admission by permission of the department.

## Political Science

*Chairman, Department of Social Sciences:* Associate Professor Watts

*Associate Professors:* Baxter, Long, Zarzar

*Assistant Professor:* G. Taylor

A major in Political Science requires Political Science 111, 212, 231, 471 (Senior Seminar—3 semester hours), plus 21 additional hours in Political Science. Other requirements are Computer Science 211; Economics 211, 212; History 211, 212; and Mathematics 265.

A minor in Political Science requires Political Science 111, 212, 231, plus 9 additional hours of Political Science. Students electing to minor in Political Science are urged to concentrate the 9 elective hours in one of the specialized areas of Political Science.

**111. INTRODUCTION TO POLITICAL SYSTEMS**

**3 semester hours**

A general introduction to the basic concepts of politics and to the nature and functions of political systems and institutions both public and private. The approach utilized in this course is descriptive, analytical, evaluative and prescriptive.

**212. RESEARCH METHODS IN SOCIAL SCIENCE**

**3 semester hours**

Introduction to an examination of basic scientific methods, broadly defined to include problems of definition, concept formation, hypothesis testing, explanation and prediction. Included is a critical analysis of research problems which are susceptible to the use of quantitative data. (Political Science 212 is the same as Public Administration 212 and Sociology 212.)

**231. NATIONAL GOVERNMENT IN THE UNITED STATES**

**3 semester hours**

A study of the structure and functioning of the national government, including its constitutional basis; the system of separation of powers, checks and balances, operation of the executive, legislative, and judicial branches. An analysis of basic problems related to the system of federal government.

**232. STATE AND LOCAL GOVERNMENT IN THE UNITED STATES**

**3 semester hours**

A study of the structure and functioning of the state and local government and its role within the federal system. The organization, functions, powers and methods of the state, county, and municipal government, and the role of the individual citizen.

**241. INTERNATIONAL RELATIONS**

**3 semester hours**

A study of analysis of the basic factors which determine international politics and relations among the nations including the practice of diplomacy, the development of the nation-state system, international law, and international cooperation and organization.



**252. INTRODUCTION TO POLITICAL THEORY****3 semester hours**

A study of the major concepts and systems of political theory and ideology from classical antiquity to the present. A survey and analysis of the major developments in political thought and ideas which contributed to the evolution of modern government in both its democratic and authoritarian forms. Prerequisites: Political Science 111 or permission of instructor.

**331. COMPARATIVE EUROPEAN GOVERNMENTS****3 semester hours**

A comparative study of major European political systems.

**332. POLITICS AND GOVERNMENTS OF THE MIDDLE EAST****3 semester hours**

This course attempts a synthesizing review of the most significant forces and problems affecting contemporary politics and governments of the Middle East. It emphasizes the contrasts between democratic and authoritarian forms of governments. A structural-functional analysis is utilized. Offered alternate years.

**341. UNITED STATES FOREIGN POLICY TO 1939****3 semester hours**

(Same course as History 341. See History 341 for description.)

**342. UNITED STATES FOREIGN POLICY SINCE 1939****3 semester hours**

A study of the foreign relations, foreign policy, and international politics of the United States since 1939. Examines the United States in the international arena as a world power. Prerequisites: History 211, 212, and Political Science 231; or permission of the instructor. (Political Science 342 is the same as History 342.)

**345. DIPLOMATIC PRACTICES****3 semester hours**

Knowledge and practical experience of the observational, analytical and decision-making skills associated with the formulation and practice of diplomacy. Readings, film strips, role playing, lectures, and classroom simulations are used to provide variety in instructional techniques. Enrollment limited to junior and senior political science, history or social sciences majors, or with prior approval of instructor. Winter term only.

**351. MODERN POLITICAL THOUGHT****3 semester hours**

A study and analysis of the major political concepts and ideas, including the great issues of politics from the 19th century to the present day, using both behavioral and non-behavioral methodological approaches. Prerequisites: Political Science 111 or permission of instructor.

**371. SEMINAR: SPECIAL TOPICS****1-3 semester hours**

A specialized study by small groups or those participating in travel programs for credit in Political Science. Does not fill major seminar requirements. May be repeated for credit.

**375. THE PRESIDENT, CONGRESS AND PUBLIC POLICY****3 semester hours**

A seminar which investigates the formulation and implementation of public policy in the United States, with emphasis on the roles of the President, Congress, and the public in the policy process. Prerequisite: Political Science 231. Offered alternate years.

**381. INTERNSHIP IN POLITICAL SCIENCE****3 semester hours**

Designed to meet the needs of the student in gaining practical experience in his field. Pre-law students may use this course in working in the office of an attorney, or work may be undertaken in local, state, or federal government. Normally arranged on an individual basis with an instructor in Political Science.

**420. WORKSHOP IN POLITICS****3 semester hours**

Personal experience in the political system of the U.S. is gained through active participation in a political campaign. Each student is required to work as an intern for a candidate or political party of his own choosing during the campaign. Regular seminars are held to exchange views and compare election and electioneering theory with the student's experiences. Normally offered during the fall semester of election years.

**431. POLICY ANALYSIS AND PROGRAM EVALUATION****3 semester hours**

(Same course as Public Administration 431. See Public Administration 431 for description.)

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours**

An advanced study and intensive research in selected topics of Political Science related to the preparation, needs, and special interests of the majors. Open only to seniors majoring in History, Political Science, Public Administration, or with permission of instructor.

**491. INDEPENDENT STUDY****1-3 semester hours**

## Psychology

*Chairman, Department of Education and Psychology:* Assistant Professor P. Williams

*Associate Professors:* Brogan, Marlette

*Assistant Professors:* Granowsky, Harper, Higgs, Looney

A minor in Psychology requires Psychology 211, 321, 331, 332, 341; Mathematics 265 or Sociology 212; plus 6 semester hours selected from Psychology courses, Human Services 431, and Philosophy 242.

**211. GENERAL PSYCHOLOGY****3 semester hours**

An overview of the facts and principles of human development, learning, motivation, intelligence, personality, abnormal reactions, and social interaction.

**231. SOCIAL PSYCHOLOGY****3 semester hours**

(Same course as Sociology 231. See Sociology 231 for description.)

**271. SPECIAL TOPICS****1-3 semester hours****321. EDUCATIONAL PSYCHOLOGY****3 semester hours**

Psychological principles involved in the process of teaching and learning; the nature of intelligence; motivation, individual differences, and emotional influences; the evaluation of learning. Prerequisite: Psychology 211.

**331. PSYCHOLOGY OF CHILDHOOD****3 semester hours**

The general principles of growth and development of the child through adolescence, emphasis upon the intellectual, physical, emotional and social development of the child through elementary school age. Prerequisite: Psychology 211.

**332. PSYCHOLOGY OF EXCEPTIONALITY****3 semester hours**

The study of the origins, symptoms and sequences of development of exceptional children who are emotionally, physically or mentally handicapped and those who are gifted and talented. An internship in a local school is required. Prerequisite: Psychology 211.

**341. PSYCHOLOGY OF ADOLESCENCE****3 semester hours**

The general principles of growth and development of the child through adolescence; emphasis upon intellectual, physical, and emotional changes during adolescence and the interrelation of all aspects of the child's development; adjustment problems in the development of the individual personality. Prerequisite: Psychology 211. Scheduled in conjunction with student teaching.

**421. THEORIES OF PERSONALITY****3 semester hours**

A survey of the major theories of personality and motivation including psychoanalytic theories, social psychological theories, phenomenological theories, humanistic theories and behavior theories. Attention is also given to a variety of methodological approaches to the assessment of personality. Prerequisite: Psychology 211.

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours****491. INDEPENDENT STUDY****1-3 semester hours**

## Public Administration

*Chairman, Department of Social Sciences:* Associate Professor Watts

*Assistant Professor:* G. Taylor

A major in Public Administration requires Public Administration 211, 212, 311, 431; Political Science 231, 232; Accounting 211; Business Administration 323; Communications 210; Economics 211, 212, 332; Sociology 231; and Business Administration 329 or Computer Science 211. Additional requirements include six courses chosen from Public Administration 351; Political Science 375, 381, 471; Business Administration 325, 412; Economics 313, 321, 413; Geography 321, 351; History 211, 212; and Human Services 211.

A minor in Public Administration requires Public Administration 211, 212, and 431; plus 9 semester hours from Public Administration 311, 351, Political Science 231, and Business Administration 323, 325, 412.

**211. INTRODUCTION TO PUBLIC ADMINISTRATION** **3 semester hours**  
A study of the basic principles of organization, location of authority, fiscal management, personnel management, and forms of administrative action in the public service.

**212. RESEARCH METHODS IN SOCIAL SCIENCE** **3 semester hours**  
(Same course as Political Science 212 and Sociology 212. See Political Science 212 for description.)

**271. SPECIAL TOPICS** **1-3 semester hours**

**311. ADMINISTRATION OF PUBLIC POLICIES** **3 semester hours**  
A study of policymaking and the implementation of policies in government, with emphasis on the role of the bureaucracy in this process. Prerequisite: Public Administration 211.

**351. PROBLEMS AND ISSUES IN PUBLIC ADMINISTRATION** **3 semester hours**  
A study of major current problems and issues in public policy-making and administration, including crime, energy, equality, ethics in government, inflation, poverty, and protection of the environment. Prerequisite: Public Administration 211.

**431. POLICY ANALYSIS AND PROGRAM EVALUATION** **3 semester hours**  
An examination of two aspects of the policy process for the decision-maker: Policy Analysis, which precedes program implementation and attempts to influence the decision-making; and Program Evaluation, which is a method of determining the degree to which a program is meeting its objectives, and the effects created by the program. Prerequisite: Public Administration 211. (Public Administration 431 is the same as Political Science 431.)

**481. INTERNSHIP IN PUBLIC ADMINISTRATION** **1-6 semester hours**

## Radio Broadcasting

The Radio Broadcasting program is listed under Communications.

## Radiologic Technology

*Chairman:* Associate Professor Rao

The requirements for the Bachelor of Applied Science in Radiologic Technology consist of (1) completion of a 24-month, A.M.A. approved program in Radiologic Technology; (2) certification by the American Registry of Radiologic Technologists (ARRT); (3) completion of the general education distribution requirements; (4) one full academic year of study at Elon; and (5) completion of

the following specific course requirements: Biology 111-112, Chemistry 111, 112, Communications 210, Economics 211, Mathematics 111, Physics 101, Psychology 211 and 321, plus a minimum of three semester hours of electives. The student has the option of completing the clinical phase of the program either before or after completion of the course requirements at Elon. If the program is initiated at Elon, the College will provide assistance for the student in locating and gaining admission to an approved clinical program.

## Recreation

*Chairman, Department of Health, Physical Education and Recreation:* Professor A. White

*Associate Professor:* Brown

*Assistant Professor:* Beedle

*Instructor:* Gaskill

Community Recreation is one of the emphasis options for the Physical Education major. Please refer to the Physical Education and Health section of this catalog for the requirements.

A minor in Recreation requires Recreation 211, 322, 323, 424, and Physical Education 221 and 481 (3 semester hours).

### **211. INTRODUCTION TO COMMUNITY RECREATION** **3 semester hours**

A study of the nature and history of leisure, play and recreation as they relate to contemporary community recreation services.

### **322. RECREATION LEADERSHIP AND PROGRAMMING** **3 semester hours**

Emphasis on the leadership and group dynamics processes as they pertain to the professional recreation setting; principles and approaches to recreational programming.

### **323. RECREATION SERVICES FOR SPECIAL POPULATIONS** **3 semester hours**

The study of the historical and societal factors affecting the present status, care, treatment and recreation of the mentally and physically handicapped in the United States.

### **424. ORGANIZATION AND ADMINISTRATION OF COMMUNITY RECREATION** **3 semester hours**

Designed to provide a thorough study of the background, organization and principles of the public recreation administration process.

### **425. OUTDOOR RECREATION SERVICES** **3 semester hours**

A study of outdoor recreation policies, programs and activities. Contemporary issues and environmental quality are also emphasized.

### **471. SEMINAR: SPECIAL TOPICS** **1-3 semester hours**

## Religion

*Chairman, Department of Religion:* Assistant Professor W. Rich

*Associate Professor:* C. White

*Assistant Professors:* Chase, Pace, Willson

A major in Religion requires Religion 111, 112, 241, 252, 471 (Senior Seminar—3 semester hours), plus 21 semester hours of additional Religion courses; two

courses from Philosophy 111, 211 and 212; Psychology 211; Sociology 111. Greek 111-112 are recommended for all Religion majors, and Greek 211, 212 may be substituted for Religion courses with departmental approval.

A minor in Religion requires 18 semester hours of Religion courses. At least 9 of these hours must be taken in courses beyond the 200 level.

**111. INTRODUCTION TO THE OLD TESTAMENT**

**3 semester hours**

The development of the Hebrew people by way of their history, literature, and religion as viewed against the background of ancient Near Eastern culture and modern archaeological discoveries.

**112. INTRODUCTION TO THE NEW TESTAMENT**

**3 semester hours**

The rise and development of Christianity and its literature; special attention is given to the canonical books of the New Testament.

**215. RELIGIOUS THINKING**

**3 semester hours**

An introduction to the study of religion including religion and society and the diversity in religion. Open to freshmen and sophomore students only. No credit toward the Religion major or minor.

**241. RELIGIOUS VALUES AND DECISION MAKING**

**3 semester hours**

A practical introductory study of religious values, their relationship to the decision-making process, and the dimensions of the decision-making process itself. Fundamental values of the Judeo-Christian tradition are explored.

**252. WORLD RELIGIONS**

**3 semester hours**

The origin, progress, and current status of the major living religions of the world.

**271. SPECIAL TOPICS**

**1-3 semester hours**

**321. ARCHAEOLOGY OF THE ANCIENT NEAR EAST**

**3 semester hours**

A survey of major archaeological research as it relates to the Near East, with particular emphasis on Egypt, Palestine and Mesopotamia. Attention is given to methods of archaeology, prominent excavations, and significant artifacts.

**322. OLD TESTAMENT PROPHETS**

**3 semester hours**

A study of the background, personal characteristics, function, message, and present significance of the Hebrew prophets. Prerequisite: Religion 111.

**324. THE INTERTESTAMENTAL PERIOD**

**3 semester hours**

The historical situation and environment from which early Christianity emerged; developments in Hellenism and Judaism; the period of the Maccabees; religious ideas and institutions of the pre-Christian era.

**326. THE WRITINGS OF PAUL**

**3 semester hours**

An analysis of major motifs in Paul's theology by means of an interpretation of his New Testament writings. Prerequisite: Religion 111 or 112.

**327. THE GOSPEL OF JOHN**

**3 semester hours**

A study of the key motifs in the theology of the Gospel of John. Special emphasis on the sources, the various stages of composition, and the literary and rhetorical characteristics. Prerequisite: Religion 111 or 112.

**328. THE SYNOPTIC GOSPELS**

**3 semester hours**

A study of the origin, composition, form, content and theological perspective of Mark, Matthew, and Luke. Tools of contemporary biblical scholarship are used to analyze and interpret each of the Gospels. Current substantive interpretations of the Gospels are considered. Prerequisite: Religion 111 or 112.

**334. MODERN RELIGIOUS THINKERS**

**3 semester hours**

An examination of the methods and programs of contemporary thinkers in religion and theology with special attention to seminal thinkers within the Christian tradition.



**341. CHRISTIAN ETHICS****3 semester hours**

A systematic and biblically based study of the types and principles of Christian ethical theory with special attention to the analysis of selected personal and social ethical issues. Prerequisite: Religion 111 or 112.

**345. THEOLOGY OF HUMAN LIBERATION****3 semester hours**

Analysis of contemporary types of liberation theology such as third-world liberation, Black liberation, and women's liberation through a study of significant representative writings. Particular attention will be paid to the ultimate goal of human liberation which lies beyond individual representative types.

**355. PHILOSOPHICAL PROBLEMS OF RELIGION****3 semester hours**

(Same course as Philosophy 355. See Philosophy 355 for description.)

**365. LITERATURE AND THEOLOGY****3 semester hours**

(Same course as English 365. See English 365 for description.)

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours**

Small group study of selected topics or themes in religion. Open only to Religion majors or minors who have Junior or Senior standing or by special permission of the instructor. Prerequisites: Religion 111 and 112. Maximum of 6 semester hours per student.

**491. INDEPENDENT STUDY****1-3 semester hours**

Individual study of some area of special interest under the guidance of a member of the department. Open only to Religion majors or minors who have Junior or Senior standing or by special permission of the instructor. Prerequisites: Religion 111 and 112. Maximum of 6 semester hours per student.

## Social Science

*Chairman, Department of Social Sciences:* Associate Professor Watts

*Professors:* Anderson, Delp, Moncure

*Associate Professors:* Crowe, Long, Toney, C. Troxler, G. Troxler, Zarzar

*Assistant Professors:* Cates, Henricks, R. Holt, McBee, G. Taylor, Davis

A major in Social Science requires Economics 212; Geography 121, 131; History 111, 112; Political Science 111 or 241; 231; Psychology 211; Sociology 111, 112; Public Administration/Political Science/Sociology 212; plus 18 semester hours in one of the following areas (concentrations): Geography, History, Political Science, Public Administration, Sociology. Specific concentration course requirements may be stipulated.

Social Science majors receiving teacher certification must complete History 211, 212 and either Geography 311 or 321 instead of 121, in addition to the required Social Science major and professional education courses. (History 211, 212 may be used in partial fulfillment of the required 18 semester hours in one of the Social Sciences.) The following courses are recommended electives for the Social Science majors receiving teacher certification: Communications 210, Fine Arts 211; and Religion 111, 112.

**203. PRACTICUM IN STUDENT DEVELOPMENT****1 or 2 semester hours**

A study-practical experience course designed to develop competency in interpersonal relations, to present the residence hall as a community, to gain an understanding of personal and community problems, and to study change and its influence upon persons and structures. Open to all students and required of all Resident Counselors. Those completing all reading assignments, training sessions, work projects, and a journal will receive a letter grade and two semester hours of credit; those participating in all training sessions and work projects will receive a passing or failing grade and one semester hour of credit.

## Sociology

*Chairman, Department of Social Sciences:* Associate Professor Watts

*Assistant Professors:* Davis, Henricks, McBee

A minor in Sociology requires Sociology 111, 211, plus 15 semester hours selected from Sociology courses and/or Philosophy 342.

### 111. INTRODUCTORY SOCIOLOGY

3 semester hours

An introduction to the basic theoretical principles and research methods distinctive of modern sociology. Among the issues considered are the relationship between culture, personality, and society; the fundamental forms of social structure; social institutions, such as religion and the family; and basic social processes, such as deviance and social change.

### 112. ANTHROPOLOGY

3 semester hours

An exploration of the meaning of human nature as this has developed over time and is given expression in human societies. Emphasis is placed on the physical evolution of the human species, on methods used to study both physical and social evolution, on the nature and development of human language, and on the meaning and variation of culture throughout the world's societies.

### 211. SOCIAL PROBLEMS

3 semester hours

An examination of various public issues which attempts to dispel persistent fallacies regarding these issues and to provide a distinctively sociological framework for such investigations. Course focuses on causes, consequences, and treatment of such problems as poverty, crime, discrimination, mental disorders, drug abuse, violence, and population pressures. Prerequisite: Sociology 111.

### 212. RESEARCH METHODS IN SOCIAL SCIENCE

3 semester hours

(Same course as Political Science 212 and Public Administration 212. See Political Science 212 for description.)

### 231. SOCIAL PSYCHOLOGY

3 semester hours

An examination of the ways in which individuals are influenced by their relationships with others in society. Initial attention is given to major theories and methods of research in this discipline. Within this framework, the course considers the difference between humans and animals, the origins and development of the self-concept, the formation of attitudes and factors causing them to change, affiliation, aggression, altruism, and group dynamics. Prerequisite: Sociology 111. (Sociology 231 is the same as Psychology 231.)

### 271. SPECIAL TOPICS

1-3 semester hours

### 311. THE FAMILY

3 semester hours

An investigation of the family as an institution in societies. Focus is upon both the development of and current patterns in the American family. Specific topics include social class differences, racial and ethnic variations, premarital patterns, marital interaction, family problems, and the future prospects for the family. Prerequisite: Sociology 111.

### 313. CRIME AND DELINQUENCY

3 semester hours

An analysis of juvenile delinquency and adult crime as categories of social behavior. Course considers both causes and consequences of such phenomena. Particular attention is given to the social organization of criminals and to an analysis of the criminal and juvenile justice systems. Prerequisite: Sociology 111.

### 341. RACIAL, ETHNIC, AND GENDER RELATIONS

3 semester hours

An analysis of the meaning of minority group status in modern societies both in general terms and also with regard to the more specific problems and prospects featured in the development of various individual groups in American society. Emphasis is placed on the nature of prejudice and discrimination, the structure of minority-majority relations, and strategies toward social equality. Prerequisite: Sociology 111.

**343. SOCIAL AND CULTURAL CHANGE****3 semester hours**

An analysis of social and cultural change in modern societies. Emphasis is given to the various sociological approaches to the study of social change as well as to the causes, consequences, and responses to change. Of particular concern is the process of modernization both as a historical phenomenon and as a dilemma in the developing countries. Prerequisite: Sociology 111.

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours****491. INDEPENDENT STUDY****1-3 semester hours****Special Pre-Professional Programs****Pre-Law****Pre-Medical or Pre-Dental****Pre-Ministerial (Any Full-Time Christian Vocation)****Pre-Nursing**

Students entering any pre-professional program should plan carefully, using the catalog of the professional school they wish to enter as a specific guide in choosing courses at Elon College. Students should design their course of study in consultation with their faculty adviser, the advising office and the adviser for the specific pre-professional program.

**Associate Degree Programs****Banking and Finance**

The Associate of Arts degree in Banking and Finance is offered in cooperation with the American Institute of Banking under the direction of the Department of Business Administration.

The requirements for the Associate in Arts degree in Banking and Finance are as follows: English 111; Communications 210; Accounting 211, 212; Business Administration 111, 321, 329; Political Science 111; Psychology 211; Economics 211, 212, and AIB courses including Principles of Bank Operations, Installment Credit, Fundamentals of Banking and others. Courses creditable toward the Basic, Standard, or Advanced certificate to equal 22 semester hours.

**Medical Laboratory Technician**

For complete information on the medical laboratory technician program see courses of instruction.

**Secretarial Science**

The requirements for the Associate in Arts degree in Secretarial Science are as follows: Business Education 113, 114, 115, 117, 118, 119, 121, 130, 133, 312, 313; also Accounting 211-212; Business Administration 111, 321, 323, 329; Economics 211; Physical Education (2 semester hours of activity courses) and English 111. A student who has prior preparation equivalent to Business Education 113, 114, or 118 may substitute electives for those courses. Additional electives to make a total of 63 semester hours are required.

Additional requirements for students who wish to acquire the basic skills required for legal secretaries are Business Administration 322, Political Science 231, 232, and Business Education 471. In order to meet these requirements, attendance at Winter Terms may be necessary.

**One-Year Secretarial Science Certificate**

The requirements for the one-year course in Secretarial Science are as follows: Business Education 117, 121; two courses chosen from Business Education 113,

114, 115, and 312, 118 and 119 (or 119 and 313), 130, 133; also Accounting 211; Business Administration 111, 323; and English 111. 33 semester hours required.

### **Bachelor of Applied Arts and Bachelor of Applied Science Degrees**

Graduates of technical or vocational programs from accredited community colleges or technical institutes receive full credit with direct transfer of up to 65 semester hours of work toward a Bachelor of Applied Arts or a Bachelor of Applied Science degree.



# Directory

## Directories and Appendices

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Thomas E. Powell, III, *Secretary*  
Robert C. Baxter, *Assistant Secretary*  
W. E. Butler, Jr., *Treasurer*  
Robert C. Baxter, *Assistant Treasurer*

### Board of Trustees

#### Terms Expiring May 31, 1981

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#### Terms Expiring May 31, 1982

Ramsey E. Cammack, LL.D., *Burlington, N.C.*  
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James H. McEwen, Jr., *New York, N.Y.*  
J. Hinton Rountree, *Ft. Pierce, Fla.*  
Mary T. Semans, L.H.D., *Durham, N.C.*



### Terms Expiring May 31, 1983

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 Thomas E. Powell, III, M.D., *Burlington, N.C.*  
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 Samuel E. Scott, M.D., *Burlington, N.C.*  
 Royall H. Spence, Jr., *Greensboro, N.C.*  
 W. Millard Stevens, D.D., *Burlington, N.C.*  
 Frances C. Wilkins, *Virgilina, Va.*

### Terms Expiring May 31, 1984

Lula Browne Helvenston, *Orlando, Fla.*  
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 Reid A. Maynard, LL.D., *Burlington, N.C.*  
 James B. Powell, M.D., *Burlington, N.C.*  
 J. E. Rawls, Jr., M.D., *Suffolk, Va.*  
 Thomas B. Sain, *Burlington, N.C.*  
 J. Harold Smith, *Burlington, N.C.*  
 A. G. Thompson, *Lincolnton, N.C.*

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 Emmett O. Floyd, D.D., *President of the Southern Conference*  
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 Clyde W. Gordon, Sr., D.C.S., *Trustee Emeritus*  
 Shirley T. Holland, *Trustee Emeritus*  
 Iris Holt McEwen, L.H.D., *Trustee Emeritus*

### Faculty, 1979-1980

J. Wesley Alexander, 1961\*, *Associate Professor of Mathematics*  
 B.S., M.A., *Appalachian State University*; M.S., *New Mexico State University*  
 Ralph V. Anderson, 1963, *Professor of Economics; Chairman, Department of Economics*  
 B.S., *Ferris Institute*; M.S., *University of Tennessee*; B.D., *Northern Baptist Theological Seminary*; Ph.D., *University of North Carolina*  
 Andrew J. Angyal, 1976, *Assistant Professor of English*  
 B.A., *Queens College*; M.A., *Yale University*; Ph.D., *Duke University*  
 Richard T. Apperson, 1968, *Assistant Professor of Music*  
 A.B., *Elon College*; S.M.M., *Union Theological Seminary, New York*

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\*Year of appointment

Malvin N. Artley, 1963, *Professor of Music*

B.Mus., Shenandoah Conservatory of Music; M.Mus., Cincinnati Conservatory; D.F.A., Chicago Musical College, Roosevelt University

William H. Barbee, 1970, *Associate Professor of Mathematics*

B.S., Wofford College; M.Math., University of Tennessee; Graduate Studies, University of Georgia

Robert C. Baxter, 1959, *Associate Professor of Business Law; College Attorney*

A.B., Elon College; J.D., Duke University

Eloise Baynes, 1968, *Assistant Professor of Foreign Languages*

A.B., Salem College; M.A., Graduate Studies, University of North Carolina

Barry B. Beedle, 1978, *Assistant Professor of Physical Education and Health*

B.S., M.S., Mississippi State University; Ed.D., University of Mississippi

Joe Belk, 1975, *Part-time Clinician in Music*

A.B., Miami University of Ohio

W. Jennings Berry, Jr., 1957, *Associate Professor of English; Director of Academic Advising*

A.B., Elon College; M.A. University of North Carolina

Robert G. Blake, 1968, *William S. Long Professor of English*

A.B., Harvard University; M.A., Ph.D., Duke University

Linda A. Bland, 1976, *Part-time Instructor in History*

B.A., M.A., Wake Forest University; M.A.T., Duke University

R. Lamar Bland, 1967, *Associate Professor of English; Chairman, Department of Literature, Languages and Communications*

B.A., Wake Forest University; M.A., University of North Carolina; Ph.D., University of North Carolina at Greensboro

Janice D. Bordeaux, 1978, *Part-time Instructor in Psychology*

B.F.A., University of Illinois; Graduate Studies, Duke University

Regina J. Bowden, 1978, *Instructor in Sociology*

B.S., Tennessee State University; M.A., North Carolina Central University; Graduate Studies, University of North Carolina

David A. Bragg, 1970, *Associate Professor of Music*

B.S., Concord College; M.M.E., Ph.D., Florida State University

Edith R. Brannock, 1962, *Assistant Professor of Home Economics*

A.B., Elon College; M.Ed., University of North Carolina

Marydell R. Bright, 1970, *Assistant Professor, Coordinator of Admissions and Financial Aid; Director of Admissions*

A.B., Mount Holyoke College; M.Ed., University of North Carolina at Greensboro.

- Mary Lou G. Brittain, 1967, *Part-time Assistant Professor of English*  
B.A., M.A., Ph.D., University of North Carolina at Greensboro
- Wesley G. Brogan, 1979, *Associate Professor of Human Services*  
A.B., Dickerson College; M.Div., Duke University; M.Ed., Ph.D., University of North Carolina
- Janie P. Brown, 1967, *Assistant Professor of Physical Education and Health*  
B.S., Wake Forest University; M.A., East Carolina University; Ed.D., University of North Carolina at Greensboro
- Ann S. Butler, 1979, *Part-time Instructor in English*  
A.B., M.Ed., University of North Carolina at Greensboro
- Ivey G. Butler, 1979, *Part-time Instructor in Mathematics*  
B.S., M.A., University of North Carolina at Greensboro
- W. E. Butler, Jr., 1946, *Associate Professor, Business Manager and Treasurer*  
A.B., Elon College; Graduate Studies, University of North Carolina, C.P.M.
- Karen R. Carden, 1979, *Part-time Instructor in Physical Education; Director of Intramural Athletics*  
A.B., Elon College
- Lonnie Mack Carden, 1977, *Instructor in Physical Education and Health; Assistant Football Coach; Wrestling Coach*  
A.B., Elon College; M.A., Appalachian State University
- D. Brooks Cates, 1964, *Assistant Professor of Social Sciences*  
A.B., University of North Carolina; M.A., East Carolina University; Ph.D., University of North Carolina
- Carole F. Chase, 1976, *Assistant Professor of Religion*  
A.B., College of William and Mary; M.A., Presbyterian School of Christian Education; Ph.D., Duke University
- Paul H. Cheek, 1950, *L. L. Vaughan Professor of Chemistry*  
B.S., Wake Forest University; Ph.D., University of North Carolina
- Ruth L. Cheek, 1964, *Part-time Assistant Professor of Chemistry*  
A.B., M.A., University of North Carolina
- Janet F. Cochran, 1978, *Assistant Professor of English*  
B.A., M.A., Ed.D., University of North Carolina at Greensboro
- Terrell W. Cofield, 1968, *Assistant Professor of Music*  
B.Mus., Rollins College; M.Mus., University of North Carolina; Study with Maestro Luigi Ricci, Teatro dell 'Opera, Rome, Italy

Janie E. Council, 1960, *Associate Professor of Business Administration and Accounting*

A.B., M.A., East Carolina University

David M. Crowe, Jr., 1977, *Assistant Professor of History*

B.A., Southeastern Louisiana College; M.A., Mississippi State University;

Ph.D., The University of Georgia

Edwin L. Daniel, 1963, *Associate Professor of Art*

A.B., Elon College; B.F.A., Abbott School of Fine and Commercial Art;

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Roanoke Fine Arts Center, University of Virginia Extension

J. Earl Danieleley, 1946, *Professor of Chemistry*

A.B., Elon College; M.A., Ph.D., University of North Carolina; Postdoctoral

Study, The Johns Hopkins University; Sc.D., Catawba College; LL.D.,

Campbell College

Robert W. Delp, 1968, *Professor of History*

B.S., Davidson College; B.D., Lancaster Theological Seminary; M.A., Ph.D.,

The George Washington University; Duke University

Mildred P. Dempster, 1979, *Part-time Instructor in Business Administration*

B.S., M.S., University of North Carolina at Greensboro

Helen H. Euliss, 1969, *Assistant Professor of English*

B.S., Appalachian State University; M.A., Graduate Studies, University of

North Carolina

Janie C. Evans, 1954, *Assistant Professor of Mathematics*

A.B., M.Ed., University of North Carolina

Daniel Feinberg, 1978, *Professor of Business Administration*

B.B.S., The College of the City of New York; M.A., Columbia University;

Ph.D., New York University

Linwood S. Ferguson, 1979, *Instructor in Physical Education; Assistant Football Coach; Assistant Track Coach*

A.S., Chowan College; B.S., M.Ed., East Carolina University

Hugh M. Fields, 1970, *Assistant Professor of Biology*

B.S., M.S., North Carolina State University; Graduate Studies, University

of North Carolina at Greensboro

John Benjamin Flora, 1977, *Adjunct Assistant Professor of Allied Health*

B.A., University of Virginia; Ph.D., Virginia Polytechnic Institute and State

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Gerald L. Francis, 1974, *Associate Professor of Mathematics; Chairman, Department of Mathematics*

B.S., M.A., Appalachian State University; Ph.D., Virginia Polytechnic

Institute and State University

- Paul L. Gaskill, 1978, *Instructor in Recreation Administration*  
A.A., Montgomery County Community College; B.S., The Pennsylvania State University; M.S., University of North Carolina
- Betty K. Gerow, 1960, *Associate Professor of English*  
A.B., Meredith College; M.A., University of North Carolina
- James W. Geyer, 1977, *Adjunct Assistant Professor of Allied Health*  
B.A., Eastern Michigan University; M.S., Ph.D., Wayne State University
- Gerald M. Gibson, 1979, *Instructor in Communications*  
B.A., North Carolina State University, M.A., University of North Carolina at Greensboro
- Russell B. Gill, 1976, *Assistant Professor of English*  
A.B., College of William and Mary; M.A., Ph.D., Harvard University
- James H. Glenn, 1978, *Instructor in Music*  
B.A., Luther College; M.A., Occidental College; Graduate Studies, University of Oklahoma
- Seena A. Granowsky, 1975, *Assistant Professor of Psychology*  
B.S., Tufts University; M.S., Vassar College; Ed.D., Duke University
- Kenneth L. Harper, 1970, *Assistant Professor of Education*  
A.B., Elon College; M.Ed., University of North Carolina; Graduate Studies, Duke University, University of North Carolina at Greensboro
- E. Franklin Harris, 1967, *Associate Professor of Physics*  
A.B., Elon College; M.A., Wake Forest University; Ph.D., University of North Carolina
- Priscilla L. Haworth, 1975, *Part-time Instructor in English*  
B.S., M.A., Appalachian State University; Virginia Polytechnic Institute and State University; University of Virginia
- Richard C. Haworth, 1974, *Associate Professor of Mathematics*  
B.S., Wake Forest University; M.A.T., Duke University; M.A., Appalachian State University; Ph.D., Virginia Polytechnic Institute and State University
- Thomas S. Henricks, 1977, *Assistant Professor of Sociology*  
B.A., North Central College; M.A., Ph.D., University of Chicago
- Howard R. Higgs, 1977, *Assistant Professor of Human Services; Chairman, Department of Human Services*  
B.A., Greensboro College; M.A., Ph.D., University of North Carolina at Greensboro
- Anne T. Hilliard, 1976, *Instructor, Medical Laboratory Technician Program*  
B.A., University of North Carolina at Greensboro; M.T., Charlotte Memorial Hospital; S.B.B., North Carolina Memorial Hospital, Chapel Hill



Cheryl T. Holt, 1976, *Part-time Academic Skills Specialist*  
A.B., Elon College

Rachel Y. Holt, 1968, *Assistant Professor of History*  
A.B., Elon College; M.Ed., M.A., Graduate Studies, University of North Carolina

Alonzo L. Hook, 1914, *Professor of Physics; Dean Emeritus*  
A.B., Elon College; M.A., M.S., Cornell University; Sc.D., Elon College; The Johns Hopkins University; University of Chicago; Duke University

Herbert W. House, Jr., 1977, *Assistant Professor of Biology*  
B.S., Wake Forest University; M.S., Ph.D., University of South Carolina

Rebecca O. House, 1978, *Part-time Instructor in English*  
B.A., Meredith College; M.Ed., University of North Carolina

S. Carlysle Isley, 1973, *Assistant Professor, Special Assistant to the President*  
A.B., University of North Carolina

Mary F. Jackson, 1975, *Assistant Professor of Physical Education and Health; Women's Basketball Coach*  
B.S., Norfolk College of William and Mary; M.Ed., University of Virginia

Clayton E. Johnson, 1969, *Assistant Professor of Physical Education and Health; Associate Football Coach; Track Coach*  
A.B., Elon College; M.A.T., University of North Carolina

John D. Jones, 1977, *Professor of Military Science*  
B.S., Virginia State College; M.A., Atlanta University; Lt. Col., U.S. Army

Donald J. Kelly, 1967, *Associate Professor of Physical Education; Associate Football Coach; Swimming Coach*  
A.B., Catawba College; M.A., University of North Carolina

Margaret L. Kent, 1979, *Part-time Instructor in English*  
B.A., New York University; M.A., University of North Carolina; M.F.A., University of North Carolina at Greensboro

Guy R. Lambert, Sr., 1963, *Assistant Professor; Associate Librarian*  
A.B., Elon College; M.Ed. University of North Carolina; Graduate Studies, University of North Carolina at Greensboro

Kevin M. Lebensburger, 1979, *Part-time Instructor in Business Administration*  
B.A., M.B.A., University of Miami; Graduate Studies, University of North Carolina

- William G. Long, 1974, *Associate Professor of Political Science; Dean of Student Affairs*  
B.A., M.A., West Virginia University; M.Div., Yale University Divinity School
- Frances C. Longest, 1955, *Associate Professor of Business Education*  
A.B., Elon College; M.Ed., Graduate Studies, University of North Carolina
- June M. Looney, 1968, *Assistant Professor of Psychology*  
A.B., Elon College; M.A., Graduate Studies, East Carolina University
- Charles B. Lowry, 1978, *Assistant Professor of History; Director of Learning Resources and Head Librarian*  
B.S., Spring Hill College; M.A., University of Alabama; M.L.S., University of North Carolina; Ph.D., University of Florida
- Helen H. Mackay, 1976, *Part-time Assistant Professor of English*  
B.A., M.A., Ph.D., University of North Carolina at Greensboro
- Betty J. Maness, 1976, *Instructor in English; Academic Skills Director*  
B.A., M.Ed., University of North Carolina at Greensboro
- Frances R. Marlette, 1975, *Associate Professor of Human Services*  
A.B., High Point College; M.Ed., Ed.D., University of North Carolina
- Robert D. McBee, 1977, *Assistant Professor of Sociology; Baseball Coach*  
B.A., Presbyterian College; M.S., Ph.D., University of Southern Mississippi
- Larry B. McCauley, Sr., 1968, *Assistant Professor; Director of Physical Plant*  
A.B., Elon College; M.A., University of North Carolina
- Robie W. McClellan, 1980, *Part-time Assistant Professor of Business Administration*  
B.A., University of North Carolina; M.B.A., Ed.D., University of North Carolina at Greensboro
- John Michael Marr, 1978, *Associate Professor of Business Administration; Chairman, Department of Accounting, Business Administration and Business Education*  
B.A., Presbyterian College; M.S., Ph.D., Clemson University
- William F. Migniuolo, 1978, *Part-time Instructor in English*  
A.B., University of North Carolina; Graduate Studies, Brown University
- James A. Moncure, 1974, *Professor of History; Vice President for Academic and Student Affairs*  
B.A., University of Richmond; M.A., Ph.D., Columbia University
- H. Reid Montgomery, 1978, *Part-time Instructor in Religion*  
A.B., Elon College; B.D., Union Theological Seminary, Virginia; S.T.M., New York Theological Seminary; Graduate Studies, New York University

- C. Fletcher Moore, 1937, *Professor of Piano and Organ*  
A.B., Elon College; M.A., Teachers College; Juilliard School of Music; Piano Student of Sascha Gorodnitski; Study with Guy Maier; Graduate Studies, Columbia University; D.Litt., Catawba College
- Voigt F. Morgan, 1963, *Associate Professor of Biology*  
A.B., Elon College; M.A., Appalachian State University; Graduate Studies, Duke University
- T. William Morningstar, Jr., 1972, *Assistant Professor of Physical Education and Health; Men's Head Basketball Coach; Golf Coach*  
A.B., Elon College; M.A., Lynchburg College
- Daniel N. Moury, 1977, *Director of Special Institutional Programs*  
B.S., Wake Forest University; Ph.D., Purdue University
- Whitney P. Mullen, 1970, *Associate Professor of Science Education*  
B.S.Ed., Glassboro State College; M.Ed., D.Ed., Duke University
- Rhonda W. Nelms, 1979, *Part-time Instructor in English*  
B.A., University of North Carolina at Greensboro; M.A., Graduate Studies, Duke University
- James H. Pace, 1973, *Assistant Professor of Religion; Chairman, Department of Religion*  
A.B., Birmingham-Southern College; M.Div., Ph.D., Emory University
- John K. Patterson, 1963, *Part-time Assistant Professor of Business Law*  
A.B., Elon College; J.D., University of North Carolina
- Nan P. Perkins, 1976, *Part-time Academic Skills Specialist*  
B.A., Atlantic Christian College
- Barbara T. Plumblee, 1979, *Part-time Instructor in Biology*  
A.B., Elon College; M.S., University of North Carolina
- Anne Ponder, 1977, *Assistant Professor of Communications and English; Director of Academic Honors Program*  
A.B., M.A., Ph.D., University of North Carolina
- James B. Powell, 1977, *Adjunct Associate Professor of Allied Health*  
B.A., Virginia Military Institute; M.D., Duke University
- Agnes J. Price, 1970, *Assistant Professor of Business Administration*  
B.S., M.Ed., Graduate Studies, University of North Carolina at Greensboro
- Mary Ellen Priestley, 1968, *Professor of English*  
B.S., Middle Tennessee State; M.A., George Peabody College; Ph.D., University of Alabama; University of Missouri; University College, London

- Raghavendra D. Rao, 1969, *Associate Professor of Biology*  
B.S., Osmania University; M.S., Ph.D., North Carolina State University
- Lela Faye Rich, 1977, *Instructor in History, Associate Director of Academic Advising*  
B.A., Wake Forest University; M.A.T., Duke University
- William G. Rich, 1977, *Assistant Professor of Religion*  
B.A., Wake Forest University; B.D., Southeastern Baptist Theological Seminary; Ph.D., Emory University
- Robert M. Rosen, 1978, *Part-time Clinician in Music*  
B.S.M.E., University of Illinois; M.M., Michigan State University
- George Lynwood Ryals, Jr., 1973, *Associate Professor of Biology; Chairman, Department of Biology*  
A.B., Elon College; M.A., Appalachian State University; Ph.D., Clemson University
- Allen B. Sanders, 1965, *Professor of Business Administration and Accounting*  
B.S., West Virginia University; M.B.A., The George Washington University; C.M.A., Ph.D., University of North Carolina
- John J. Sanderson, 1979, *Part-time Instructor in Mathematics*  
A.A., Wingate College; B.A., M.Ed., University of North Carolina
- Elaine M. Scarlett, 1979, *Part-time Instructor in Mathematics*  
B.S., Appalachian State University
- Richard S. Schramm, 1979, *Part-time Assistant Professor of English*  
B.A., M.A., Ph.D., University of North Carolina
- Gayle W. Scott, 1979, *Assistant Professor of Medical Laboratory Technology; Director, Medical Laboratory Technician Program*  
A.A., Emory-at-Oxford College; B.S., Medical College of Georgia; M.Ed., University of Georgia
- Kathleen W. Scott, 1978, *Part-time Instructor in Languages*  
A.B., Indiana University; M.A., Graduate Studies, University of North Carolina
- Drue Ann Sheesley, 1979, *Instructor in Fine Arts*  
B.A., Bucknell University; M.A., University of Michigan; Graduate Studies, University of North Carolina
- Lawrence H. Simon, 1976, *Associate Professor of Education*  
B.A., M.A.T., University of North Carolina; Ed.D., University of North Carolina at Greensboro

- Martha S. Smith, (1964\*), 1970, *Associate Professor of English*  
A.B., Winthrop College; M.A., Presbyterian School of Christian Education;  
M.A., Ph.D., University of North Carolina
- Joyce E. Speas, 1978, *Instructor in Mathematics*  
B.A., Mars Hill College; M.Ed., University of North Carolina at Greensboro
- Lucile C. Stone, 1968, *Associate Professor of Education*  
A.B., East Carolina University; M.Ed., Graduate Studies, University of North Carolina
- John G. Sullivan, 1970, *Associate Professor of Philosophy; Chairman, Department of Philosophy*  
B.A., M.A., Catholic University; J.C.D., Lateran University; Graduate Studies, University of North Carolina
- George A. Taylor, 1979, *Assistant Professor of Political Science and Public Administration*  
B.S., Baptist College of Charleston; M.A., Ph.D., University of Georgia
- Michael A. Taylor, 1978, *Assistant Professor of Foreign Languages*  
B.A., M.A., Ph.D., University of North Carolina
- Jerry R. Tolley, 1967, *Assistant Professor of Physical Education and Health; Head Football Coach*  
B.S., M.A., East Carolina University; Graduate Studies, University of North Carolina at Greensboro
- James T. Toney, 1960, *Associate Professor of Economics*  
B.S., M.A., Appalachian State University; Graduate Studies, Teachers College, Columbia University; University of Colorado; Memphis State University
- Carole W. Troxler, 1971, *Assistant Professor of History*  
A.B., University of Georgia; M.A., Ph.D., University of North Carolina
- George W. Troxler, 1969, *Associate Professor of History*  
A.B., Guilford College; M.A., Ph.D., University of North Carolina
- Whitney G. Vanderwerff, 1979, *Part-time Assistant Professor of English*  
A.B., Hollins College; M.A.T., Converse College; Ph.D., University of North Carolina at Greensboro
- Ann J. Vickers, 1966, *Assistant Professor; Catalog Librarian*  
A.B., Elon College; M.Ed., University of North Carolina
- Bruce N. Waller, 1978, *Assistant Professor of Philosophy*  
B.A. Louisiana Technical University; M.A., Ph.D., University of North Carolina

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\*Year of first appointment



Frederic T. Watts, Jr., 1972, *Associate Professor of Political Science; Chairman, Department of Social Sciences*  
B.S., University of Nebraska; M.S., The George Washington University; Ph.D., University of South Carolina

Linda T. Weavil, 1973, *Assistant Professor of Business Education*  
B.S., M.A., East Carolina University; Ed.D., University of North Carolina at Greensboro

Jane C. Wellford, 1976, *Part-time Instructor in Physical Education*  
B.F.A., St. Andrews Presbyterian College; M.F.A., University of North Carolina at Greensboro

Albert R. West, 1975, *Part-time Instructor in Human Services*  
B.S., U. S. Naval Academy; M.A.C.T., University of North Carolina

Walter Westafer, 1963, *Professor of Music; Chairman, Department of Fine Arts*  
B.Mus., Syracuse University; M.Mus., Cincinnati Conservatory of Music; Ph.D., University of North Carolina

John W. Wheeler, 1978, *Assistant Professor of Accounting*  
B.A., Central Wesleyan College; M.A., Virginia Polytechnic Institute

Alan J. White, (1964\*), 1974, *Professor of Physical Education and Health; Chairman, Department of Health, Physical Education and Recreation; Athletic Director*  
B.S., Wake Forest University; M.Ed., University of North Carolina; Ed.D., Mississippi State University

Jack O. White, 1962, *Associate Professor of Music; Director of the Band*  
B.S., Concord College; M.Ed., University of North Carolina; D.A., New York University

M. Christopher White, 1972, *Associate Professor of Religion; Dean of Academic Affairs*  
A.B., Mercer University; M.Div., Southern Baptist Theological Seminary; Ph.D., Emory University

Dolphus Whitten, Jr., 1979, *Part-time Professor of History*  
B.A., Ouachita Baptist University; M.A., Ph.D., University of Texas

Maurice Whittinghill, 1979, *Thomas E. Powell, Jr., Professor of Biology*  
A.B., Dartmouth College; Ph.D., University of Michigan

Larry R. Whittington, 1977, *Instructor in Military Science*  
B.S., Embry Riddle Aeronautical University; Major, U.S. Army

Dorothy M. Williams, 1978, *Instructor in Mathematics*  
B.S. Westhampton College, University of Richmond; M.A.T., Duke University.

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Jeanne F. Williams, 1957, *Associate Professor of Statistics and Mathematics*  
B.S., University of Rhode Island; M.S., North Carolina State University;  
Graduate Studies, North Carolina State University, University of North  
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Jo W. Williams, 1969, *Associate Professor of Education; Director of Development*  
A.B., Elon College; M.Ed., Ed.D., University of North Carolina at Greensboro

Paul D. Williams, Jr., 1977, *Assistant Professor of Education; Chairman, Department of Education and Psychology*  
A.B., Lenoir-Rhyne College; M.A., Appalachian State University; Ph.D., Duke University

Lawrence G. B. Willson, 1979, *Assistant Professor of Religion*  
B.A., Birmingham-Southern College; Th.M., Ph.D., Boston University

Barbara L. Yarborough, 1974, *Assistant Professor of Physical Education; Women's Volleyball Coach*  
B.S., Winthrop College; M.A.T., University of North Carolina

James Fred Young, 1973, *Professor of Education; President*  
A.A., Mars Hill Junior College; B.S., Wake Forest University; M.A., University of North Carolina; Ed.D., Columbia University; Graduate Studies, Appalachian State University; East Carolina University; University of Virginia

Rudolph T. Zarzar, 1967, *Assistant Professor of Political Science*  
A.B., M.A., Ph.D., University of North Carolina

## Administrative Officers and Staff

James Fred Young, A.A., B.S., M.A., Ed.D., *President*

Evelyn S. Campbell, *Secretary to the Office of the President*

James A. Moncure, B.A., M.A., Ph.D., *Vice President for Academic and Student Affairs*

Jane T. Fowler, *Secretary to the Vice President for Academic and Student Affairs.*

Robert C. Baxter, A.B., J.D., *College Attorney*

Alonzo L. Hook, A.B., M.A., M.S., Sc.D., *Dean Emeritus*

S. Carlyle Isley, A.B., *Special Assistant to the President*

Daniel N. Moury, B.S., Ph.D., *Director of Special Institutional Programs*

Ronald A. Klepcyk, B.S., M.Ed., *Associate Director of Special Institutional Programs*

Carolyn Lentz, A.B., *Secretary in Office of Secretarial Services*

Med Hoyle, B.F.A., *Printshop Operator*

Gail B. Alston, B.A., *Secretary to the Director of Special Institutional Programs*

William David Wall, B.A., *Director of Computer Services*

## Academic Affairs

M. Christopher White, A.B., M.Div., Ph.D., *Dean of Academic Affairs*  
 Martha H. Tingen, *Secretary to the Dean of Academic Affairs*  
 W. Jennings Berry, Jr., A.B., M.A., *Director of Academic Advising*  
 Lela Faye Rich, B.A., M.A.T., *Associate Director of Academic Advising*  
 Anne Ponder, A.B., M.A., Ph.D., *Director of Academic Honors Program*  
 Betty J. Maness, A.B., M.Ed., *Coordinator of Academic Skills*  
 W. Stephen Wagoner, B.S., M.A. Ed., *Director of Cooperative Education and Internships*  
 George R. Lentz, Jr., B.A., M.Ed., *Director of Continuing Education*  
 Barbara Fahnrich, *Secretary to the Director of Continuing Education*

## Learning Resources

Charles B. Lowry, B.S., M.A., M.L.S., Ph.D., *Director of Learning Resources and Head Librarian*  
 Mary Barbour, B.A., *Secretary to the Head Librarian*  
 Catherine B. Halbert, A.B., *Secretary to the Director of Learning Resources and the Teacher Education Committee*  
 Lydia I. Berry, *Library Staff*  
 Helene K. Ellis, *Library Staff*  
 Miriam C. Holland, B.A., M.L.S., *Instructional Design Specialist*  
 Connie L. Keller, B.A., M.A., *Assistant Reference/Catalog Librarian*  
 Helen S. Kirchen, B.S., M.S.L.S., *Assistant Public Services Librarian*  
 Guy R. Lambert, Sr., A.B., M.Ed., *Associate Librarian*  
 E. Anderson Lightbourne, B.A., *Learning Resources Center Program Assistant and Manager of Academic Computer*  
 Ann J. Vickers, A.B., M.Ed., *Catalog Librarian*  
 Margaret Zang, *Library Staff*

## Student Affairs

William G. Long, A.B., M.A., M.Div., *Dean of Student Affairs*  
 Ellen F. Gagnon, *Secretary to the Office of Student Affairs*  
 David C. Joyce, B.A., M.Div., *Assistant Dean of Student Affairs—Residence Life*  
 William G. Sharp, IV, A.B., M.Div., *Assistant Dean of Student Affairs—Counseling and Student Programs*  
 Tammy T. Moody, *Secretary, Counseling Office*  
 Larry E. Barnes, A.B., *Coordinator of Campus Housing*  
 Philip R. Mann, M.D., *College Physician*  
 Charles W. Phillips, M.D., *Assistant College Physician*  
 Vivian S. Bryan, R.N., *Nurse*  
 Mary Jane Salter, R.N., *Nurse*  
 Phyllis F. Hargis, B.S., *Coordinator of Student Activities*  
 Joanne C. Soliday, B.A., M.Ed., *Coordinator of Commuter Student Programs*  
 Susan P. Phillips, B.A., M.A., *Coordinator of Career Planning & Placement*  
 John F. Murphy, III, B.A., M.Ed., *Living/Learning Center Coordinator*  
 James R. Hackney, B.A., M.A.R., *Area Coordinator*

Alice S. Boleman, *Area Coordinator*

Leona B. Updyke, *College Receptionist*

Karen R. Carden, A.B., *Assistant Coordinator of Student Activities; Director of Intramural Athletics*

## **Admissions and Financial Aid**

Marydell R. Bright, A.B., M.Ed., *Coordinator of Admissions and Financial Aid; Director of Admissions*

Thelma Cheek, *Secretary, Admissions and Financial Aid*

Jacqueline P. Matlock, *Assistant to the Director of Admissions*

Wayne Bowery, A.B., *Associate Director of Admissions*

Barry Bradberry, A.B., *Associate Director of Admissions*

Elizabeth Moore, A.B., *Assistant Director of Admissions*

Barry Simmons, A.B., *Director of Financial Aid*

Cindy Sykes, A.B., *Assistant to the Director of Financial Aid*

## **Registrar's Office**

Mark R. Albertson, B.B.A., *Registrar*

Jerri Holloway, *Assistant to the Registrar*

Louise G. Newton, *Research Secretary*

Becky Harris, *Secretary to the Registrar*

Linda Miller, *Registration-Graduation Clerk*

Lena Oakley, *Statistics Clerk*

## **Business Affairs**

W. E. Butler, Jr., A.B., C.P.M., *Business Manager and Treasurer*

Vickie S. Martin, *Office Manager and Assistant for Purchasing, Business Office*

C. Conway Bayliff, Jr., A.B., *Campus Shop Manager*

Faye Y. Dennis, *Textbook Secretary, The Campus Shop*

Sylvia G. McKinney, B.S., *Assistant Accountant*

Lorraine M. Allen, A.B., *Assistant Accountant*

Audrey P. Shumar, *Bookkeeper, Accounting Office*

Faye D. Conally, *Secretary, Business Office*

Karen L. Hughes, *Clerk, Cashier's Office*

Doris L. Maney, *Cashier*

Margaret Clapp, *Assistant to the Accountant*

Sara F. Dodson, A.B., *Assistant, Cashier's Office*

Eloise A. Wilder, *Clerk, Cashier's Office*

Howard E. Southerland, *Director of Food Services*

Jo B. Gattis, *Clerk, Accounting Office*

## **Development Affairs**

Jo Watts Williams, A.B., M.Ed., Ed.D., *Director of Development*

Mary Elizabeth McCauley, *Secretary to the Director of Development*

Shirley Crawford, *Secretary to Development Office*

Tim McDowell, A.A.S., B.A.S., *Director of Public Information and Publications*  
 John T. Kelly, Jr., B.A., M.Div., *Director of Planned Giving*  
 Clyde L. Fields, B.A., M.Div., D.D., *Estate Planner*  
 Emma D. Lewis, *Development Office Records and Research*  
 Mary E. Reynolds, B. Mus., *Director of Annual Fund*  
 J. King White, A.B., *Director of Alumni and Parent Relations*  
 Joanne J. Yount, A.B., *Grants Coordinator*

## Athletic Affairs

Alan J. White, B.S., M.Ed., Ed.D., *Director of Athletics*  
 Melvin L. Shreves, A.B., *Associate Director of Athletics and Director of Fighting Christian Club*  
 Doris C. Gilliam, *Secretary to the Department of Athletics*  
 Stephen Ballard, B.S., M.A., *Soccer Coach, Sports Information Director*  
 Karen R. Carden, A.B., *Women's Tennis Coach, Women's Volleyball Coach*  
 Lonnie Mack Carden, A.B., M.A., *Assistant Football Coach, Wrestling Coach*  
 Linwood S. Ferguson, A.S., B.S., M.A.Ed., *Assistant Football Coach, Strength Coach*  
 Mary F. Jackson, B.S., M.Ed., *Women's Basketball Coach, Women's Softball Coach*  
 Clayton E. Johnson, A.B., M.A.T., *Associate Football Coach, Track Coach*  
 Donald J. Kelly, A.B., M.A., *Associate Football Coach, Tennis Coach*  
 Robert D. McBee, B.A., M.S., Ph.D., *Baseball Coach*  
 Ralph C. Miller, A.T.C., B.S., M.Ed., *Athletic Trainer*  
 Daniel B. Morrison, Jr., B.A., M.Ed., *Tennis Coach, Assistant Men's Basketball Coach*  
 T. William Morningstar, A.B., M.A., *Men's Basketball Coach, Golf Coach*  
 Jerry R. Tolley, B.S., M.A., *Head Football Coach*  
 Barbara L. Yarborough, B.S., M.A.T., *Cheerleading Supervisor*  
 Leo J. Welsh, *Supervisor of Athletic Facilities*

## Physical Plant

Larry B. McCauley, Sr., A.B., M.A., *Director of Physical Plant*  
 Bernadette Immordino, *Secretary to the Director of Physical Plant*  
 Mary D. Thomas, *Information Services Supervisor*  
 Warren R. Jeffreys, *Supervisor of Carpentry, Paint, Keys*  
 W. Hal Laughlin, *Plant Engineer*  
 Jim Pollack, A.B., *Executive Housekeeper and Assistant Physical Plant Director*  
 Lloyd Routh, *Supervisor of Grounds*  
 Judy Wrenn, *Mail Services*  
 Allen Smith, *Electrician*

## Retired Faculty and Administrators

Edith R. Brannock, A.B., M.Ed., *Assistant Professor of Home Economics*  
 Luther N. Byrd, A.B., M.A., *Professor of History*  
 Kostas V. Cepas, A.B., L.L.M., J.S.D., *Associate Professor of Foreign Languages and Cultures*  
 Arabella Gore, A.B., A.B. in L.S., M.A., *Catalog Librarian*  
 Mildred Haff, A.B., M.A., *Assistant Professor of Mathematics*  
 James Howell, A.B., M.A., Ph.D., *Professor of English*  
 Alfred W. Hurst, A.B., M.A., B.D., D.D., *Assistant Professor of Religion*  
 Oma U. Johnson, A.B., B.S., in L.S., Ph.B., *Librarian; Librarian of the Historical Society*  
 C. Gilbert Latham, B.S., M.S., *Associate Professor of Psychology and Sociology*



Mattie Lee S. Lee, A.B., *Assistant Librarian*

Eleanor W. Moffett, A.B., M.Ed., Ph.D., *Professor of English*

C. Fletcher Moore, A.B., M.A., D. Litt., *Professor of Piano and Organ*

James H. Overton, A.B., B.D., Ph.D., *Professor of Religion*

S. E. Gerard Priestley, B.D., S.T.M., B.S., M.A., Ph.D., M.S.Sc., *Professor of History and Political Science*

Paul S. Reddish, A.B., M.A., *Professor of Biology*

Ferris E. Reynolds, A.B., B.D., S.T.M., Ph.D., *Professor of Philosophy*

Howard R. Richardson, A.B., M.A., Ed.D., *Professor Emeritus of Education*

Bessie P. Sloan, A.B., M.A., *Assistant Professor of Spanish*

William W. Sloan, A.B., B.D., Ph.D., L.H.D., *Professor of Bible and Religious Education*

Durward T. Stokes, A.B., M.A., Ph.D., *Professor of History*

Arnold C. Strauch, B.S., M.A., Ed.D., *Professor of Education*

W. B. Terrell, A.B., *Alumni Secretary*

## Endowment and Sources of Income

The income from tuition and fees constitutes only a part of the income of the College. Other sources of income include the annual gifts from the churches of the Southern Conference of the United Church of Christ; a share of the contributions received by the Independent College Fund of North Carolina; earnings from the permanent endowment funds of the College; and the contributions of individuals, foundations, business and industry.

In addition to the general endowment funds of the College, special endowment funds have been established for specific purposes:

*W. J. Ballentine Fund.* An undesignated bequest from the estate of W. J. Ballentine who served as trustee of the College.

*Bondurant Fund.* This fund was established by H. L. Bondurant of Norfolk, Va., as a memorial to his wife, Mrs. Gertrude Gibson Bondurant.

*Boone Memorial Fund.* Established by the late Dr. William H. Boone, of Durham, N.C., a long-time member of the Board of Trustees. This fund is in memory of his wife, Mrs. Annie Elizabeth Moring Boone.

*James H. R. Booth Endowment Fund.* This fund was created by Dr. James H. R. Booth, an alumnus of Elon College. The income from this fund is used preferably for support of the department of religion.

*John M. Campbell Fund.* This fund represents the proceeds from the sale of land given to the College as a memorial. The land had been left as a bequest to what was then known as the North Carolina Christian Conference.

*Carlton Fund.* The family of the late J. W. Carlton of Richmond, Va., P. J. Carlton, H. A. Carlton, L. E. Carlton and Mrs. J. Dolph Long established a professorship in Christian Literature and Methods in memory of Mrs. J. W. Carlton. Upon his death in May, 1935, P. J. Carlton left a bequest to the College.

*Thomas W. and Mary Watson Chandler Endowment Fund.* This fund was established by a gift from Mrs. Chandler. The earnings from the endowment became a part of the general funds of the College.

*Christian Workers Conference Fund* for the Southern Convention has been established at Elon College by Mrs. E. E. Holland, widow of Col. E. E. Holland, who was the last surviving member of the original Board of Trustees.

*Corwith Fund.* W. F. Corwith, a former trustee, has given to the College funds to establish a professorship in Biblical languages and literature in memory of Mrs. W. F. Corwith.

*The Daniels-Danieley Award.* The Daniels-Danieley Award for Excellence in Teaching was established in honor of the parents of the sixth president of the College, James Earl Danieley, and his wife, Verona Daniels Danieley. The income from this fund is used to provide a certificate of recognition and cash award each year to a faculty member whose teaching is characterized by excellence.

**T. B. Dawson Memorial Bible Fund.** This fund was established by friends and relatives of the late T. B. Dawson. The earnings are used to assist the College in purchasing copies of The Holy Bible which are given to graduating seniors in religion.

**Elbert and Esther Fertig DeCoursey Fund.** Established by C. Max Ward, class of 1949, and Cynthia Fertig Ward in honor of Mrs. Ward's aunt and uncle, Major General Elbert DeCoursey, nationally known pathologist, and Esther Fertig DeCoursey. The earnings from this fund will be used to benefit the department of biology.

**Dofflemyer Fund.** Established in memory of the late Milton A., Sr. and Naomi Frazier Dofflemyer by their children. Earnings from this endowment are to be used to support the regular operation of the College.

**Harry K. Eversull Fund.** This fund was established by friends of Dr. Eversull who served as a trustee of Elon College.

**George Joseph Fertig Fund.** Established by C. Max Ward, class of 1949, and Cynthia Fertig Ward in memory of her father, Dr. George Joseph Fertig, eminent metallurgist from Birmingham, Alabama. The income from this fund will be used for the support of the department of chemistry.

**D. R. Fonville, Sr. Fund.** A bequest from the estate of DeRoy Ransom Fonville, Sr., who served as a trustee of the College from 1914 until his death, April 21, 1958. The earnings from the fund are used to purchase books for the library.

**Ford Endowment.** The principal amount of this fund was a gift from the Ford Foundation. All earnings of the fund are used to increase salaries of full-time teachers.

**Foster Fund.** A bequest from the estate of Jos. A. Foster of Semora, N.C.

**Ella V. Gray Memorial Fund.** Proceeds to be used to purchase books to be added to the library's collection of Southern literature. Following a bequest from Mrs. Gray, this fund is being established by Garland Gray as a memorial to his mother.

**Susie Holland Memorial Fund.** This fund was created by a bequest from the estate of Susie Holland, an Elon alumna of the class of 1905 and a member of the Board of Trustees from 1937-1957. The use of the income from this fund is unrestricted.

**Kernodle Foundation.** A gift from Mrs. Attrice Kernodle Manson of Burlington, N.C., in memory of Dr. J. L. Kernodle and in honor of Mrs. J. L. Kernodle.

**John T. Kernodle Memorial Fund.** Created by a bequest from the estate of John T. Kernodle, an alumnus of the class of 1908. The income from this fund is used to support the general operation of the College.

**Peter Jefferson Kernodle and Louise Nurney Kernodle Memorial Fund.** Created by a bequest from the estate of John T. Kernodle, an alumnus of the class of 1908, in memory of his mother and father. The income from this fund is used to support the general operation of the College.

**Virginia Beale Kernodle Memorial Fund.** This fund was established by John T. Kernodle, class of 1908, as a memorial to his wife, Virginia Beale Kernodle, valedictorian of the class of 1913. The earnings from the fund are to be used for the upkeep of Whitley Memorial Auditorium. Mrs. Kernodle was the granddaughter of the late Leonard Hume Whitley for whom the auditorium was named.

**Klapp Fund.** A gift from the Rev. S. B. Klapp.

**Patrick Henry Lee Fund.** This fund is a bequest from Capt. P. H. Lee of Holland, Va.

**Minnie T. Lambeth Memorial Fund.** Friends and relatives of the late Minnie T. Lambeth have established this memorial fund.

**The James H. McEwen, Jr. Endowment Fund for the Fine Arts.** Established by James H. McEwen, Jr. of New Milford, Connecticut. Income from this fund will be used for the enrichment of the Fine Arts program.

**John M. McLean Fund.** This is a memorial fund established by Mrs. John M. McLean and friends of the late John M. McLean.

**Francis Asbury Palmer Fund.** This fund was established by Francis Asbury Palmer of New York. A second bequest from his estate was later added to the fund.

**The Thomas Edward Powell, Jr. Professorship of Biology** was established by the Thomas E. Powell, Jr. Biology Foundation. Dr. Powell was professor of biology at Elon College from 1919 to 1936 and is founder of Carolina Biological Supply Company. Income from the endowment provides a chair for an outstanding professor in the field of biology.

**Register Fund.** This fund was established by J. H. Register as a memorial to his wife.

**Oscar F. Smith Memorial Fund.** A bequest from the estate of Oscar Frommel Smith of Norfolk, Va., who served as a trustee of the College.

**William Watson Sellers Endowment Fund.** This fund was created in memory of William Watson Sellers, Elon College alumnus and former member of the Board of Trustees. The use of the income from the fund is unrestricted.

*Staley-Atkinson-Newman Memorial Foundation.* The churches of the Southern Convention, at the request of Elon College and the Southern Convention, authorized the establishment of a foundation in the Department of Christian Education at Elon College memorializing Dr. W. W. Staley, Dr. J. O. Atkinson, and Dr. J. U. Newman and the departments of the church to which they gave their lives. Income from this permanent fund is allocated to the Departments of Philosophy and Religion.

*J. J. Summerbell Fund.* Dr. J. J. Summerbell of Dayton, Ohio, was a staunch friend and loyal supporter of the College. He died February 28, 1913, and left a bequest to Elon College.

*L. L. Vaughan Fund.* A bequest from the estate of the late Professor L. L. Vaughan, who served as a trustee of the College from 1928 to 1956.

*Drusilla Dofflemyer Voorhees Fund.* Created in honor of Drusilla Dofflemyer Voorhees, class of 1924, by friends in recognition of her many years of devotion to her students and her contribution to education as a classroom teacher. The income from this fund is used to support the general operation of the College.

*O. J. Wait Fund.* A bequest from Rev. O. J. Wait, D.D., of Fall River, Massachusetts. This was the first bequest received by the College.

*J. W. Wellons Fund.* Dr. J. W. Wellons, several years before his death, bought two annuity bonds for the College. By terms of the bonds, at his death, they were cancelled and the principal became a part of the endowment funds of the College.

*Jesse Winbourne Fund.* This fund, a bequest from Deacon Jesse Winbourne of Elon College, N.C., became available in January, 1923.

Elon College initiated a campus-wide retention program in the fall of 1978. As a result of these efforts, the percentage of freshmen returning in 1979 was 62%. The projected four-year retention rate for 1981 is 55%.

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## **COURSES OF INSTRUCTION**

## **DIRECTORY**



Office of Admissions and Financial Aid  
ELON COLLEGE  
Elon College, N.C. 27244  
Telephone: (919) 584-9711



E L O N



CATALOG 1981-1983



# Elon College

## 1981-83

Elon College / North Carolina 27244  
Telephone 919-584-9711

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Elon

Vol. 93 — October 1981 — No. 5 — (UPS 076-160)

Published quarterly at Elon College, N.C. 27244.

Elon College does not discriminate on the basis of race, color, sex, handicap, and national or ethnic origin in the recruitment and admission of students, the recruitment and employment of faculty and staff, and the operation of any of its programs.

Second class postage paid at Elon College, N.C. 27244.

# Calendar

## Fall Semester 1981

September 7 (Mon.)	Orientation; Evening School Registration
September 8 (Tues.)	Registration
September 9 (Wed.)	Drop-Add Day; Evening Classes Begin
September 10 (Thurs.)	Day classes begin
September 15 (Tues.)	Last day for late registration
October 26 (Mon.)	Mid-semester reports due
November 6 (Fri.)	Last day to remove Incomplete ("I") grades
November 12 (Thurs.)	Preregistration begins for Winter Term and Spring Semester 1982
November 25 (Wed.)	Thanksgiving Holiday begins at close of afternoon classes
November 30 (Mon.)	Thanksgiving Holiday ends at 8:00 a.m.
December 11 (Fri.)	Classes End
December 14-17 (Mon.-Thurs.)	Examinations

## Winter Term 1982

January 4 (Mon.)	Registration
January 5 (Tues.)	Classes Begin
January 27 (Wed.)	Examinations

## Spring Semester 1982

February 1 (Mon.)	Registration
February 2 (Tues.)	Drop-Add Day; Evening Classes Begin
February 3 (Wed.)	Day Classes Begin
February 8 (Mon.)	Last day for late registration
March 19 (Fri.)	Spring Vacation begins at close of afternoon classes
March 22 (Mon.)	Mid-semester reports due
March 29 (Mon.)	Spring Vacation ends at 8:00 a.m.
April 1 (Thurs.)	Preregistration begins for Summer School and Fall Semester 1982
April 9 (Fri.)	Last day to remove Incomplete ("I") grades
May 13 (Thurs.)	Classes End
May 14 (Fri.)	Reading Day for Examinations
May 15-19 (Sat.-Wed.)	Examinations
May 23 (Sun.)	Commencement; Last day of school

## Summer School 1982

First Term: June 7 — July 9  
Second Term: July 12 — August 13

**Fall Semester 1982**

September 6 (Mon.)	Orientation; Evening School Registration
September 7 (Tues.)	Registration
September 8 (Wed.)	Drop-Add Day; Evening Classes Begin
September 9 (Thurs.)	Day Classes Begin
September 14 (Tues.)	Last day for late registration
October 25 (Mon.)	Mid-semester reports due
November 5 (Fri.)	Last day to remove Incomplete ("I") grades
November 11 (Thurs.)	Preregistration begins for Winter Term and Spring Semester 1983
November 24 (Wed.)	Thanksgiving Holiday begins at close of afternoon classes
November 29 (Mon.)	Thanksgiving Holiday ends at 8:00 a.m.
December 10 (Fri.)	Classes End
December 13-16 (Mon.-Thurs.)	Examinations

**Winter Term 1983**

January 3 (Mon.)	Registration
January 4 (Tues.)	Classes Begin
January 26 (Wed.)	Examinations

**Spring Semester 1983**

January 31 (Mon.)	Registration
February 1 (Tues.)	Drop-Add Day; Evening Classes Begin
February 2 (Wed.)	Day Classes Begin
February 7 (Mon.)	Last day for late registration
March 18 (Fri.)	Spring Vacation begins at close of afternoon classes
March 21 (Mon.)	Mid-semester reports due
March 28 (Mon.)	Spring Vacation ends at 8:00 a.m.
March 31 (Thurs.)	Preregistration begins for Summer School and Fall Semester 1983
April 8 (Fri.)	Last day to remove Incomplete ("I") grades
May 12 (Thurs.)	Classes End
May 13 (Fri.)	Reading Day for Examinations
May 14-18 (Sat.-Wed.)	Examinations
May 22 (Sun.)	Commencement; Last day of school

**Summer School 1983**

First Term: June 6 — July 8  
 Second Term: July 11 — August 12





# General Information



## Elon College

Elon College derives its name from its location in what was an oak forest in the heart of Piedmont, North Carolina. "Elon" is the Hebrew name for "oak," and the campus still abounds with these majestic trees which have become the symbol for the college; an oak appears on all publications Elon issues.

*Location.* The College is adjacent to Burlington, and 17 miles west of Elon, along Interstate 85, is the thriving town of Greensboro; to the east are the great intellectual resources of the Research Triangle, comprised of Duke University at Durham, the University of North Carolina at Chapel Hill and North Carolina State University at Raleigh. The College community enjoys the lifestyle of a relatively small institution yet is able to have the advantages of major institutional resources in nearby areas.

From its initial enrollment of 108 students 92 years ago, Elon College has grown steadily, reaching an enrollment of more than 2,500 students. The creation of a broad range of academic and student programs, the development of an excellent faculty and an able administration, and the loyalty and commitment of the parent church, alumni and friends account for the growth of the College.

*Calendar and Opportunities.* The College operates on a 4-1-4 academic calendar, which provides a four-month fall semester ending prior to Christmas, a one-month winter term, and a four-month spring semester. During the winter term, the student takes only one course, providing an opportunity for concentrated work, innovative teaching, experiential courses and intensive study. During this term, the College operates a Study Abroad Program in Europe. A two-term Summer School and an Evening Program complete the calendar.

*Faculty.* The life of the College community revolves around the faculty and the students, the curriculum, and the resources of the College.

Faculty members of Elon College are dedicated teachers, many of whom have expressed their satisfaction with the College through long years of service. They have been chosen because of their academic preparation, individual initiative, and commitment to the teaching profession. The educational background of the faculty, more than sixty percent of whom have earned doctorates, is represented by undergraduate and graduate degrees from many outstanding institutions.

*Students.* Elon College students in 1980 came from 26 states and 13 foreign countries. Slightly more than half of the students are men, and the student body includes several racial and socio-economic groups. Elon College admits students of any race, color, sex, and national or ethnic origin without discrimination. This diversity enriches the life of the community and reflects the nature of American society itself.

*Programs.* Students at Elon College live and learn through student life and academic programs. There are many opportunities for students to pursue particular interests through a broad range of activities and student life programs which enable them to find a personal identity and refine their social skills, broaden their perspective and create lifetime friendships.

The academic program is equally rich and diversified. Several different degree programs and numerous major fields of study are available to give the student enrichment and conceptual skills in the liberal arts while also providing fields of study to prepare him for a specific professional career.

## History

To provide a quality undergraduate education has been the mission of Elon College since its founding by the Christian Church in 1889. Two schools were forerunners of Elon College: The Graham College, established in 1851 at Graham, North Carolina; and the Suffolk Collegiate Institute, established in 1872 in Suffolk, Virginia. The Southern Christian Convention, now a part of the United Church of Christ, voted in 1888 to establish Elon College.

The site of the new college was known as Mill Point located four miles west of Burlington, North Carolina. In its early years Elon endured many tribulations. The student body was severely reduced during World War I, and a major fire in 1923 destroyed most of the campus buildings. Within three years a new campus arose from the ashes. The five central buildings, including Alamance, were built at this time. The great depression and World War II created many problems for the College.

The decades following the Second World War were years of physical growth and academic development. New buildings went up as enrollments increased and the College expanded beyond its brick walls. Students from half of the states in the Union, as well as foreign countries, gave the College a regional complexion. The faculty increased to more than 100, teaching in 27 major fields offering four baccalaureate and two associate degrees. Elon's seven presidents have provided the leadership essential for this progress.

Historically the College has played a significant role in teacher education. A program of instruction and experiences designed to prepare teachers continues to be a major objective of the College.

Although there have been many changes through the years, Elon remains church-related rather than church-controlled. It has held in high esteem its commitment to general Christian principles and values as an appropriate foundation for the development of human personality and social order.

## The Mission of Elon College

Elon College offers men and women a liberal arts education to enrich them as human beings, and it offers programs in career-oriented fields to prepare them for specialized work. All of the programs at Elon are periodically evaluated by accrediting agencies to insure that appropriate standards of quality are maintained. Students are provided opportunities to develop those

skills and sensitivities which encourage a reflective approach to both personal life and professional career.

In addition, Elon College senses a special responsibility to the community in which it is located. Thus, it provides to citizens of the area opportunities for cultural and educational renewal in a setting where religious and human values are respected.

In accordance with the provisions of the Charter, it is the aim of Elon College to give all students the opportunity to acquire:

1. A philosophy of life which is founded upon and motivated by the beliefs and spiritual values of the historic Christian Church, and which will be reflected throughout life in terms of a sense of personal integrity, high ethical standards, wholesome attitudes, and significant religious insights and devotion.
2. An understanding of their responsibilities and rights as citizens in a democratic culture, and a recognition of the intrinsic worth of all individuals.
3. An intelligent awareness of world cultures, conditions, events, and issues.
4. A love of learning sufficient to promote continued intellectual and cultural growth which comes out of sharing in an invigorating intellectual and cultural climate during their college career.
5. A basic knowledge in the humanities, natural sciences, and social sciences, and an appreciation of the mutual relationships existing among these areas.
6. An understanding of the content and an achievement of competence in the procedures of at least one field of knowledge as preparation sufficient for graduate or professional study.
7. The ability to think critically, logically, and creatively, and to communicate effectively by means of the written and spoken language.
8. A sensitivity to esthetic values through experience and study in the fine arts and through opportunity to develop competence and excellence in the performing arts.
9. A knowledge of the principles of health and physical fitness, and skills useful for participation in wholesome recreational activities.
10. A recognition of their own abilities and aptitudes through counseling and guidance in the choice of an appropriate vocation.

## Campus and Buildings

The Elon campus is beautiful, spacious, and rich in stalwart native oak trees. It is designed and equipped to serve its living and learning community. Buildings housing the classrooms and laboratories have been extensively renovated and new equipment and furniture have been provided. The McEwen Dining Hall, William S. Long Student Center, Iris Holt McEwen Library, Harper Center, and nine residence halls have been constructed since 1956. Completed in 1970 were a new office-classroom building and a new physical education facility, which includes an Olympic-size swimming pool. The present living and dining facilities serve a resident student body of approximately 1,200.

*Alamance Building* houses administrative offices and classrooms. Citizens of Alamance County contributed the money to build this structure after the old administration building was destroyed by fire in 1923. The Alamance Building was extensively renovated in 1967.



The *Alumni Memorial Gymnasium* was built in 1949 by former students as a memorial to Elon alumni who lost their lives in two World Wars. It seats 4,500 for basketball games. The 25,000 square feet of floor space houses offices, classrooms, dressing and shower rooms for both men and women, laundry room, storage room, and a playing floor area large enough for three intramural basketball games to be played at the same time.

The *Athletic Field* consists of 50 acres of practice and playing fields, situated around the campus. There is adequate space for all sports.

*John W. Barney Hall* houses 54 men students. This three-story brick building was named in memory of John W. Barney, who was a member of the Elon College faculty for 33 years.

*Ned F. Brannock Hall*, housing 48 men students, is a three-story brick structure named in memory of Dr. Ned F. Brannock, a member of the Elon College faculty for more than 50 years.

*Carlton Building*, renovated in the summer of 1973, was the gift of three trustees of the College, P. J. Carlton, H. A. Carlton and L. E. Carlton, and their sister, Mrs. J. Dolph Long. This structure houses the music and art departments, classrooms, a rehearsal hall, and faculty offices.

*Carolina Hall*, erected in 1956, houses 126 women students. Congregational Christian Churches in North Carolina pledged the funds for this three-story brick building.

*Crumpton Center*, beautiful old plantation and former home of trustee Dr. J. L. Crumpton, located 35 miles from campus, was donated in 1974 by Dr. and Mrs. Crumpton, both alumni of the College. The Center is used by faculty, trustees and students for seminars, retreats, workshops and special meetings.

*Duke Science Building* has modern scientific equipment and laboratory apparatus. It houses the Departments of Physics, Biology and Chemistry. In memory of their mother, Mrs. Artelia Roney Duke, J. B. Duke and B. N. Duke contributed to the cost of erecting this building which was renovated in 1966.

*East Building*, formerly the Elon College Middle School, was acquired by the College in 1978. It is used for maintenance storage and central receiving. It also houses offices of the director of physical plant, executive housekeeper, and director of mail services. A gymnasium, dance studio and wrestling room complete the facility.

*Fraternities and Sororities* are housed in several off-campus residences owned by the College.

*A. L. Hook Hall*, housing 48 men students, was named in honor of Dr. A. L. Hook, who has been a member of the Elon College faculty for more than 50 years. Built in 1966, it is a three-story brick residence hall.

The *B. Everett Jordan Gymnasium*, named in honor of the late Senator B. Everett Jordan and completed in 1970, contains the Vance Beck Olympic-size swimming pool, physical education teaching gymnasium, human performance laboratory, handball court, weight training room and offices and classrooms.

The *John Koury Field House* was constructed in 1980 through the generosity of Ernest and Maurice Koury in memory of their father. The building provides dressing facilities for Elon's football and baseball teams as well as a modern training room, laundry and coaches dressing room. The fieldhouse is located just north of the Newsome Baseball Field.

*William S. Long Student Center*, constructed in 1966, houses the campus shop, the varsity room, the health service, lounges, meeting rooms, student





- |   |   |
|---|---|
| 1. Elon College Community Church          | 14. Smith Hall (men)  |
| 2. McEwen Dining Hall                     | 15. Carolina Hall (women)                                     |
| 3. Iris Holt McEwen Library               | 16. Barney, Brannock, and Hook Halls (men)                    |
| 4. Sloan Hall (men)                       | 17. President's Home  |
| 5. Virginia Hall (women)                  | 18. Athletic Fields   |
| 6. West Hall (women)                      | 19. Alumni Memorial Gymnasium                                 |
| 7. Carlton Building                       | 20. B. Everett Jordan Gymnasium                               |
| 8. Whitley Auditorium                     | 21. North Hall (men)  |
| 9. Alamance Building (information)        | 22. Lake  |
| 10. William S. Long Student Center        | 23. Staley Hall (women), Moffitt Hall (men),<br>Harper Center |
| 11. Caroline Powell Building (admissions) | 24. Tennis Courts   |
| 12. Duke Science Building                 | 25. Newsome Field   |
| 13. Mooney Building                       |   |

government offices, a listening room, a photography lab, and game rooms. The building was named in memory of William S. Long, first president of the College.

*McEwen Memorial Dining Hall*, completed in 1956, was built as a memorial to James H. McEwen, long an industrial and civic leader in Burlington.

The first floor accommodates more than 400 students in a modern and attractive cafeteria and also contains a smaller dining room for special luncheon meetings. On the second floor is a large banquet room which is used for luncheon meetings, dinners, receptions, social gatherings, dances, exhibits, and other events, and is large enough to accommodate 450 persons.

*Iris Holt McEwen Library*, completed in the summer of 1968, is fully air conditioned and carpeted. Open stacks contain a well-rounded collection of 150,000 volumes. Approximately 10,000 government documents have been added to the collection since the library became a government depository in 1971. It has also housed the national library and archives of the American Theatre Organ Society since 1974. This facility will seat 580 and has multiple reading areas, an art exhibit area, 276 private study spaces, an historical documents room, and phonographs and tape players.

The Spence Collection, which was the former Stratford College Library, was given to the College in 1975 in honor of Royall H. Spence, Sr. by Mrs. Spence and his children, Mary Spence Boxley, Dolly Spence Dowdy and Royall H. Spence, Jr. McEwen Library ranks as the fourth largest among private colleges and universities in North Carolina.

*Mooney Christian Education Building* was given to Elon by M. Orban, Jr., in memory of his father-in-law, the Reverend Isaac Mooney. This building, remodeled in 1967, houses faculty offices, classrooms, the Learning Resources Center, and a recital hall.

*Newsome Field* is a modern baseball stadium donated in 1977 by Webb Newsome, a member of the class of '37, and his wife, Jessie Cobb Newsome, class of '36. A member of the Elon College Sports Hall of Fame, Webb Newsome was outstanding in baseball, football and boxing while at Elon.

*North Building*, located near the Harper Center, houses men students.

*The Oaks*, built in 1980, houses 144 men and women students in two-room suites. The complex also contains a commons building with study, lounge, and laundry facilities.

*The Caroline Powell Building*, named in honor of Miss Caroline Powell, was completed in 1970. It contains classrooms, faculty offices, and administrative offices.

*The Power Plant* provides heat for the entire College. It is situated just north of the highway which passes the campus.

*The President's Home*, constructed in 1963, is located at 301 East Haggard Avenue.

*Sloan Hall*, a three-story brick structure housing 80 men students, was named in honor of Dr. W. W. Sloan and Bessie Pickett Sloan, members of the Elon College faculty for 25 years.

*Leon Edgar Smith Hall* is a three-story brick residence hall erected in 1957 to house 126 men students. The building was named for Dr. L. E. Smith, former President of the College.

*Staley Hall*, *Moffitt Hall*, *Harper Center* and *Harden Dining Hall* were completed in 1968. *Staley Hall* houses 200 women, and *Moffitt Hall* 100 men. The two residence halls are joined by *Harper Center*, which contains a lounge, the College radio station, a recreation area, and *Harden Dining Hall*. These buildings were named in memory of Dr. W. W. Staley, Dr. E. L. Moffitt, and Dr. W. A. Harper, three past presidents of Elon College, and are located north of the main campus, beyond the gymnasium.

*Virginia Hall*, a three-story modern brick structure erected in 1956, houses 80 women students. Congregational Christian Churches in Virginia pledged the money to pay for this residence hall.

*West Hall* is a three-story brick structure adjacent to the Carlton Building. The first floor contains a large reception hall, guest rooms and parlors, and living quarters for resident hostesses. Sixty-eight women students are housed on the second and third floors.

*Whitley Memorial Auditorium*, extensively renovated in 1972, has a seating capacity of approximately 500. Teaching and practice studios of the Fine Arts Department are located in the rear of this building.

## Accreditation

Elon College is accredited by The Southern Association of Colleges and Schools.

Member of:

The American Council of Education  
 The Association of American Colleges  
 The American Association of University Women  
 The North Carolina Association of Colleges and Universities  
 The North Carolina Association of Independent Colleges and Universities  
 Independent College Fund of North Carolina  
 The Council for Higher Education of the United Church of Christ  
 National Commission on Accrediting  
 American Assembly of Collegiate Schools of Business

## Visitor's Information

Visitors to the College are welcome at all times. The administrative offices are open Monday through Friday from 8 a.m. until 5 p.m. The admissions office is also open on Saturday from 8:00 a.m. until noon. Administrative officers and members of the faculty are available at other times by appointment made in advance.

## Travel Information

Elon College is in the town of Elon College, N.C., a community adjacent to Burlington, 17 miles east of Greensboro, and 64 miles west of Raleigh. It is accessible to airline services at Greensboro. It is also served by Carolina Trailways, which affords bus service to all parts of the country. The telegraph address is Burlington and the College is served by the Burlington telephone exchange. The number is 584-9711, Area Code 919.

## Academic Sessions

The College's academic year is divided into a 4-1-4 calendar. The fall semester is a four-month term, ending prior to Christmas holidays, followed by a one-month winter term and a four-month spring semester. During the one-month term opportunities are offered for travel and study abroad in addition to specialized courses on campus. Evening classes and a summer school of two terms of five weeks each are offered on a regular basis.

The calendar is designed to meet the needs of the following persons: (1) full-time students who plan to complete degree requirements within four years, (2) part-time students who must also be gainfully employed, (3) high school seniors who wish to take one or two college-level courses, and (4) members of the community who desire further educational work in day or evening classes.

Summer school serves the above purposes, plus providing an opportunity for new students or students enrolled in other colleges to accelerate completion of degree requirements.

The College offers workshops and seminars throughout the year.

A full schedule of evening and weekend classes provides maximum flexibility for students.

A wide variety of non-credit courses is offered throughout the year by the Office of Continuing Education.

**For information on all academic offerings, contact the Admissions Office.**

## **Summer School**

Summer School is an integral part of the instructional program of the College with courses carefully selected from those taught in the regular academic year. Instruction is by regular members of the faculty. Most classes are held in air conditioned classrooms.

There are two summer terms of five weeks each and students may attend either or both terms. Six semester hours are considered a full course load for each.

In general, admission and degree requirements, administrative regulations, student self-government and honor systems are basically the same for the Summer School as for the regular academic year.

## **Special Summer Programs**

### **Elon College National Brass Clinic**

Instrumental methods are taught to junior and senior high school students and band directors. The Clinic is held annually in June. Nationally known brass clinicians Dr. Renold Schilke and Dr. Charles Colin are among the instructors.

### **Study-Tour Courses**

Study-tour offerings include Biology (coasts of North Carolina and Florida), North Carolina history, and France (Riviera).

### **All-Sports Camps**

Basketball (for both boys and girls), baseball, golf, volleyball, soccer, football, tennis, gymnastics, and swimming camps are held for elementary, junior, and senior high school students.

## **Special Academic Programs**

Elon offers various programs for those people with special needs and qualifications.

### **Academic Advising Center**

Provides assistance of professional academic advisors for all students.

Provides opportunity for students to meet faculty members from the various disciplines.

Helps students explore and evaluate choices of Major and Minor fields of study.

Assists students with class schedules and other academic issues.

### **Academic Honors Program**

Provides opportunity for academically talented students.

Encourages Independent Study and Research Courses.

Develops Academic Enrichment and Honors Courses.

Allows enrollment by academic performance and interest.

Assists students interested in graduate study.

### **Academic Skills Program**

Assists students in understanding the basic concepts of reading, mathematics and communication skills.

Gives small group instruction.

Offers individual assistance by tutors and self-paced programs through the Learning Resources Center.

Is offered in regular and summer sessions.

### **Career Oriented Programs**

Provide opportunities for students to elect career-oriented fields such as Allied Health, Business Administration, Human Services, Public Administration, Recreation Administration, Teacher Education, Journalism, Radio Broadcasting, Commercial Leisure and Sports Management.

### **Continuing Education**

Designed to encourage adults to return to college for further study.

Provides special classes.

Offers special "preview privilege" for first-time non-traditional students.

Conducts re-entry seminars for adults interested in entering college.

Offers a wide variety of non-credit courses throughout the year.

### **Cooperative Education**

Provides opportunities for the student to combine academic classroom studies with related practical experience in the world of work for compensation and academic credit.

Includes many major fields.

Gives career training.

Enhances student's employability in major field.

Available in government, social services, professions, and business.

### **Direct Transfer**

#### *Community College or Junior College*

Offers graduates of a college parallel program from an accredited junior college, community college or technical institute full credit with a direct transfer of up to 65 semester hours of work toward a *Bachelor of Arts* or *Bachelor of Science* degree.

#### *Community College or Technical Institute*

Offers graduates of a technical or vocational program from an accredited community college or technical institute full credit with direct transfer of up to 65 semester hours of work toward a *Bachelor of Applied Arts* or *Bachelor of Applied Science* degree.

### **High School Credit Bank Program**

Makes it possible for the student to have sophomore standing at the time of college entrance through completion of two Elon summer school sessions of two courses each and two courses at Elon during each semester of the high school senior year.

### **Internships**

Provide opportunities for the student to combine academic classroom studies with related practical internship experience.

Include many major fields.

Give career training.

Enhance student's employability in major field.

Available in government, social services, schools, health fields and business.

### **Learning Resources Center**

Provides computer assisted instruction.

Enables courses to provide audio-visual resources for classroom use.

Makes available self-paced learning programs to accelerate or catch up.



### **Military**

#### ***Project Ahead*** — (Army Help for Educational Development)

Opens doors for those people who have not entered or completed college.

Grants admissions to eligible applicants at time of entry into armed services.

Grants credit for USAFI, previous college work or technical institutes, CLEP, and/or service experience according to ACE Guidelines.

Offers built-in financial assistance.

#### ***Bootstrap***

Offers degree programs to military personnel on educational leave.

Offers transfer credit for USAFI, CLEP, previous college or technical institute work, and/or service experience according to ACE Guidelines.

Offers built-in financial assistance.

#### ***ROTC***

Offers military science program leading to commission in U.S. Army upon graduation.

Offers flight training leading to private license.

Offers built-in financial assistance and special scholarship programs.

#### ***Credit for Veterans***

Offers military personnel on active duty opportunity to submit CLEP credit by contacting their Education Officers or USAFI in Madison, Wisconsin, for testing.

Accepts credit for USAFI courses taken while in service.

Transfers work completed at other accredited post-secondary institutions.

Accepts service experience for physical education and health requirements.

### **Minor Fields**

Provide support for study in related areas.

Allow concentrations to broaden base for graduate work or employment opportunities.

### **Multiple Majors**

Provide flexible, innovative programs.

Enhance capabilities for keeping up with rapid changes in business and professional fields.

Help students to make good use of electives in completing degree requirements.

Should be designed in cooperation with faculty adviser.

### **Study Abroad**

Study-tours are scheduled as desired or needed to enhance a program and give students an opportunity to learn first hand from other countries and cultures. Tours are traditionally scheduled for the winter "mini-term" and summer session.

# Student Life, Services, and Organizations



## Student Life

Elon is committed to educating the whole person. This is a place for learning — but not all learning is in books.

Student life is more than classrooms, laboratories, study desks and libraries. Experiences in the residence halls, service organizations, Student Government, the Student Center, spontaneous social groups, and on intramural teams are critically important in the student's total development.

Through the many opportunities the College makes available throughout the year, the student can develop important insights about genuine communication, self-government, liberty, trust, honor and critical judgment. Programs designed by well-qualified faculty, staff and students provide — in the residence halls, on the playing fields, at the controls of the FM radio station, at Student Senate meetings, and in the classroom — opportunities for the student to develop an adequate self concept, a sense of career, a philosophy of life, and sound ethical and moral principles.

Students are encouraged to participate in those co-curricular and extra-curricular activities that interest them or are complementary to their academic programs.

## Student Personnel Services

*Counseling Service.* The College maintains a Counseling Service staffed by administrators and specially selected and trained students. This Service is designed to assist students with personal and vocational decisions. Students desiring assistance are urged to consult members of the Service.

*Personal Counseling.* Counselors are available twenty-four hours a day and are responsible for providing every possible kind of help to each resident student. In each residence area there is an Area Coordinator. In addition, within each residence hall there is a staff of Resident Counselors.

Supporting the residence hall staffs are personnel associated with the Office of Student Affairs and the Counseling Office. Identifying and meeting problems at an early stage offer a greater likelihood that genuine help can be given. Therefore, students are urged to make their needs known to any person or persons associated with the Counseling Service.

*Career Development and Placement.* The Coordinator of Career Development and Placement assists students in their choice of profession. Through testing programs the student is encouraged to explore fully all possible job opportunities. As he passes through this process, emphasis is placed upon "life planning" so that career choice fits personal interest, ability, talent and job availability.

The Coordinator also assists seniors and alumni in finding employment after graduation. Visiting representatives from industry, business, education, and government interview candidates on campus. With written permission from student or graduate, credentials are made available to prospective employers on a confidential basis. No charge is made for this service with the exception of a fee connected with the sending of official College transcripts.

*Health Service.* The College maintains a Health Service. Located in William S. Long Student Center Building, it is open during regular hours each class day. The medical fee, which is included in the general fee, covers all emergency, clinic, and routine nursing services, and treatment by the College Physicians. This fee does not cover cases in which a physician, other than a College Physician, is called.

All students must present evidence that they are covered by health insurance.

An opportunity to purchase a health insurance policy is provided to all full-time students.

*Campus Living.* Residence halls are modern and attractive. Each room is furnished with single beds, bureaus, desks, and chairs. The student brings pillow, pillowcases, sheets, blankets, bedspreads, towels and such other articles as a wastebasket, rugs, and lamps. Residence halls open 2:00 p.m. the day before registration each semester. They are closed during Thanksgiving, Christmas, Spring, and Summer vacations. Rooms will be vacated and residence halls are locked no later than 4:00 p.m. on the day classes end before these vacation periods. Provided on-campus housing space is available, all students are required to room in the residence halls unless they are living with their parents, relatives, or spouses. The College assists students in finding off-campus housing, but it cannot serve as an intermediary in any way between the student and his landlord.

Students have access to laundry facilities on campus.

Meals are served in the College dining halls, which are opened for the evening meal before the first day of registration and closed after the noon meal on the last day of final examinations. For vacation periods, they are closed after the noon meal of the last day of classes and opened with the evening meal the day before classes are resumed.

*Commuter Students.* Programs designed to meet the particular needs of commuter students are offered through the Office of Commuter Affairs, staffed by student peer counselors. Weekly meetings, discussion groups, "lunch talks," special projects, counseling, and other activities form part of the commuter student's experience. Car pool information and off-campus housing listings are also available in the commuter student office.

## **Freshman Orientation**

Freshman Orientation is held immediately prior to the opening of the Fall Semester. All entering students are expected to participate in the program which is designed to assist in preparing for the beginning of the College

experience. Orientation features the use of small group activities as well as academic advising, testing, registration, lectures, and social activities.

## **The Student Center**

Social activities at the College are largely planned and coordinated by the Student Union Board which is advised by the Coordinator of Student Activities and composed of students. An extensive program of social, recreational, club, and special interest activities is carried out during the year. Among these are movies, folk entertainment, travel groups, special theme parties, intramurals, and drama activities. In addition, the Entertainment committee of the SGA sponsors weekend concerts several times a year.

## **Student Government**

Representing the interests of the Elon student body is the Student Government Association (SGA). It enjoys the full support and cooperation of the faculty and staff of the College. Projects and proposals dealing with social, cultural and academic life are promoted by the SGA President and the Student Senate.

In addition, House Governments, designed to provide self determination in each residence hall, carry out important student governing functions. Finally, students play a direct role in academic and social policy-making through voting membership on numerous College committees.

## **Honor System**

At the heart of campus life is the Honor System, initiated by the student body and approved by the faculty and the Board of Trustees of the College. This system is a code of student living under which it is assumed that all students will conduct themselves as ladies and gentlemen.

The Honor System consists of two codes — the Honor Code and the Campus Code. Under the Honor Code the student is on his honor to be honest and truthful. Under the Campus Code the student is bound to be a lady or a gentleman and to conduct herself or himself as such at all times. He or she is expected to see, insofar as possible, that fellow students do likewise. A full description of the Honor System and of the Rules and Regulations pertaining to campus life is found in the *Elon Student Handbook*.

## **Religious Life**

Responsibility for College Religious Life rests with the Chaplain, who coordinates all on-campus religious programs. Voluntary religious services are held during the academic year. The Elon College Community Church, just off the campus, is affiliated with the United Church of Christ and open to all students for worship. Most denominations have churches within a few miles of the campus. Groups meet regularly for Bible study, group discussions, service projects and social activities.

## **Cultural Life**

Each year a variety of programs is offered for the cultural and intellectual enrichment of campus life.

The Lyceum Series brings outstanding artists and performers to the campus during the year.

The Liberal Arts Forum, sponsored by the Student Government Association, schedules a number of lectures and presents an annual Spring Symposium.

A number of distinguished scholars in various fields are invited to the campus each year to provide lectures and seminars for the enrichment of the academic program.

There are also recitals in Whitley Auditorium by members of the Music Department faculty and advanced students in music. Several band and orchestra concerts are scheduled. Each year before the beginning of the Christmas holidays, the Elon Choir presents Handel's oratorio, *Messiah*.

Plays presented by Elon students and by visiting drama groups are also a feature of the College's cultural offerings.

## Greek Organizations

There are 10 social fraternities and sororities at Elon. A number of these occupy College-owned houses. Fraternities include Tau Kappa Epsilon, Kappa Alpha, Kappa Sigma, Sigma Phi Epsilon, Sigma Pi, and Pi Kappa Phi; sororities are Zeta Tau Alpha, Sigma Sigma Sigma, Phi Mu, and Alpha Sigma Alpha.

## Honor Societies

*Alpha Chi.* The objective of this national scholastic society is the stimulation, development, and recognition of scholarship and those elements of character that make scholarship effective for good. To be eligible for membership, a student must be a junior or senior, must be of good standing, and must have distinguished himself by academic accomplishments of a high order.

*Beta Beta Beta.* The objective of this national honor society is to recognize scholastic achievement in the Biology program.

*Epsilon Beta Epsilon.* The objective of this honor organization is to recognize scholastic achievement by majors in economics and business courses.

*Mu Lambda Tau.* This honor society recognizes scholastic achievement in the Medical Laboratory Technology program.

*Omicron Delta Kappa.* This national society recognizes students, faculty, alumni, and outstanding citizens for exemplary character, scholarship and intelligence, service and leadership in campus life, good citizenship within the academic and larger community, fellowship and consecration to democratic ideals.

*Phi Alpha Theta.* The objective of this national honor society is to recognize scholastic achievement in the History program.

*Pi Gamma Mu.* The North Carolina Alpha chapter of Pi Gamma Mu, National Social Science Honor Society, was chartered in 1929 and is one of four in North Carolina. Pi Gamma Mu is a member of the Association of College Honor Societies. Student and faculty members who attain distinction in the social sciences at Elon are eligible for nomination into membership.

*Sigma Sigma Epsilon.* The objective of this honor organization is to recognize scholastic achievement in the Secretarial Science programs.

*Sigma Tau Delta.* The objective of this honor organization is to recognize scholastic achievement in English.

*Theta Alpha Kappa.* The objective of this national honor society is to recognize students and faculty for scholastic achievement in the field of religious studies.



## Service Organizations

*Elon Collegiate Civinettes.* The Civinettes is a service club sponsored by the Burlington Civitan Club. They provide service to the College and community through projects on and off campus.

## Who's Who

A committee composed of members of the faculty, administration, and student body each year elects students to be listed in the national publication *Who's Who in American Colleges and Universities*. Selection is made on the basis of scholarship, participation and leadership in academic and extra-curricular activities, citizenship and service to the College, and promise of future usefulness.

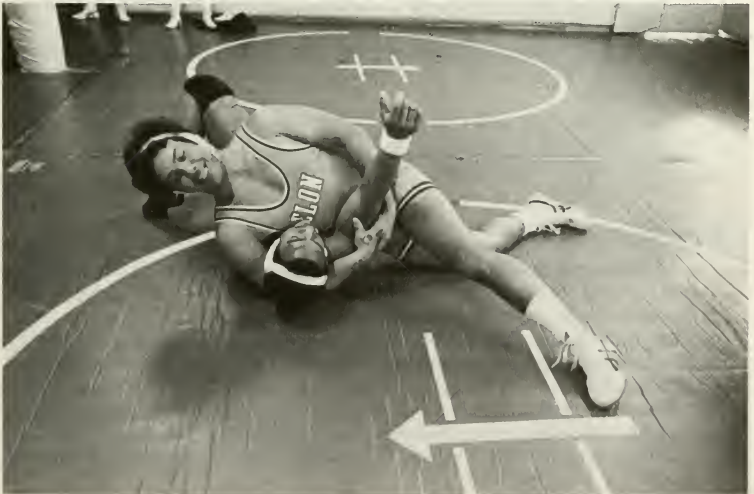
## Athletics

*Intramurals.* The purpose of the intramural program is to give all students an opportunity for healthful activity and recreation. Both men and women participate in football, racquetball, volleyball, co-rec volleyball, water polo, badminton, tennis, basketball, and softball.

Winning teams and individuals are awarded trophies in all sports.

The Intramural Council, composed of representatives of all social clubs, dormitories, and the commuter student group, is an advisory group for the Director of Intramural Programs and his staff and works to promote the program.

*Intercollegiate.* A member of the Carolinas Intercollegiate Athletic Conference, the South Atlantic Conference, the National Association of Intercollegiate Athletics, and the Association of Intercollegiate Athletics for Women, Elon has teams which compete with other colleges in football, basketball, wrestling, baseball, tennis, golf, track, soccer, women's volleyball, cross country, women's basketball and women's softball.



## Student Organizations

*Class Organizations.* Each class has its own organization and elects its officers and representatives to the Student Government each year.

*Elon Band.* The Elon College Band is composed of three units: the Marching Band; the Concert Band; and the stage band, the Emanons of Elon. Two of the credit hours in Marching Band may be substituted for the requirement in physical education. Membership in the band is open to all members of the student body.

*The Elon Choir.* The Elon Choir, the student mixed chorus, presents concerts of sacred and secular music at the College and in various communities in North Carolina and other states and sings for College convocations and vesper services. Membership, which gives one credit hour a semester, is open to all students.

*Elon College Fellowship.* The ECF is open to all students who wish to participate in regular sessions for prayer, Bible study, and informal discussion aimed toward the development of a Christian lifestyle.

*Elon College Community Orchestra.* The College-Community Orchestra is made up of students and townspeople who enjoy active participation in a symphony-type musical organization. Weekly rehearsals are held, with full-length concerts given in the fall and spring and other appearances at such occasions as the annual presentation of Handel's *Messiah*.

*Sigma Alpha Mu.* This is a club open to all students in Business Administration or related fields. Its purposes are to sponsor programs for the betterment of all students and to promote the business, social, and economic welfare of the individual members of this organization.

*Departmental Groups.* In addition to the above-named organizations, there are the following departmental groups: the Business Students Communications Committee, the Student Chapter of the Music Educators National Conference, the Student Chapter of the North Carolina Music Teachers Association, and the Student National Education Association.

*The Elon College Gospel Choir.* This group provides musical performances on campus and in area churches.

*The Fellowship of Christian Athletes.* Founded by athletes, this group is open to all students who are interested in regular gatherings for spiritual revitalization.

*Elon Drama Club.* This club is open to anyone on campus and is dedicated to the production of plays during each year.

*American Chemical Society.* This club is open to students of chemistry and related disciplines.

## Communications Media

*The Board of Student Communications Media.* The Board is composed of students and members of the faculty and administration. It advises, guides, and encourages all student media on campus.

*Communicator.* The College publishes a weekly newsletter containing information of general interest to members of the student body, faculty, and administration.

*Elon Colonnades.* This is the College literary magazine. It is published by students interested in creative expression, both verse and prose.

*The Pendulum.* The College newspaper, *The Pendulum*, is published weekly by a student staff.

*Phi Psi Cli.* The College yearbook is edited by members of the student body. Its name, *Phi Psi Cli*, commemorates the three former literary societies.

*Radio Station.* WSOE-FM, the campus radio station, operates each day and is manned primarily by students. The station broadcasts from a modern facility in Harper Center.

## Traditional Events

*Alumni Day.* This day is one of the highlights of the year and the time for class reunions. The Alumni Association honors its outstanding alumnus of the year at the Alumni Banquet.

*Founders Day.* A convocation honoring the founders of Elon College is held in the spring of the year.

*Greek Weekend.* A time for relaxation, competition, and fun is sponsored each spring by Greek letter organizations. Contests of various kinds — tug of war, potato sack races, chariot races, dance competition, and skits — are presented with prizes awarded to the winners of each category.

*Homecoming.* Homecoming takes place in the fall, bringing back to the campus many former students. Entertainment includes golf and tennis tournaments, a football game, and the homecoming dance. Students take great pride in decorating the campus for the occasion. Awards are made for the best decorations.

*Parents Weekend.* At some time during the year parents are invited to visit the campus and participate in several events planned especially for them.

*Spring Weekend.* Each spring the students plan a weekend of social activities centering around concerts by well-known music groups.

## Awards

*The Basnight Awards.* Given in memory of the late Stein H. Basnight of Chapel Hill, N.C., by his family, to the (1) Outstanding Biblical Student and (2) Outstanding Athlete.

*Robert C. Browne Memorial Sportsmanship Award.* Established in memory of Robert C. Browne, an alumnus of the College, by his sister, Pretto Browne Crumpton, and her husband, Dr. J. L. Crumpton. The award is presented annually to the Elon College athlete who has best displayed the qualities of sportsmanship during the year.

*English Scholar of the Year.* Awarded to the rising senior English major who, in the opinion of the English faculty, has best demonstrated superior qualities of scholarship and character during this school year. Donations from members of the English faculty provide for this award annually.

*Human Services Award.* Awarded to the senior Human Services major who, in the opinion of the Human Services faculty, has most clearly demonstrated high academic achievement and superior qualities of character and service.

*W. L. Monroe Christian Education and Personality Awards.* In memory of Dr. W. A. Harper and Dr. John G. Truitt. A trust created by the late W. L. Monroe, Sr., Class of 1918, provides two cash awards to the recipients. Emphasis is placed upon citizenship, modest economic background, qualities of good common sense, desire to help others and the improvement of the whole person.

*Pi Gamma Mu Scholar Award.* Presented by the North Carolina Alpha Chapter of Pi Gamma Mu, National Social Science Honor Society, to the outstanding student in the division of the Social Sciences.

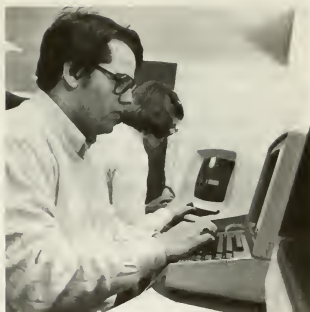
*The Shackley Awards.* Two awards given by the late Dr. George Shackley of St. Petersburg, Florida, to the (1) student showing most improvement in piano during the year (2) student showing most improvement in organ during the year.

*The Marcella Rawls Saecker Award.* This award, in memory of Mrs. Marcella Rawls Saecker, Class of 1942, is presented to a senior girl whose citizenship best exemplifies the goals and philosophy of Elon College.

*Ella Brunk Smith Memorial Fund.* This endowment fund was established in memory of the late Ella Brunk Smith by her husband, Dr. L. E. Smith, fifth president of the College. The income from the fund is to provide a cash award each year to the young lady who, in the judgment of the faculty upon recommendation of the Department of Religion, has made the greatest contribution to the moral and religious life of the campus.

*Dudley Ray Watson Memorial Award.* Awarded to the outstanding senior at Elon College majoring in Business Administration. This award is sponsored by the Elon Chapter of Sigma Alpha Mu.

# Admissions, Finances, and Financial Aid



## Admission Procedures

Elon College operates on the Rolling Admissions Plan — completed applications are acted upon and candidates notified within two to four weeks. Admission is based on the high school record and class rank, SAT or ACT scores, recommendations and, in the case of transfer students, previous college work and recommendation. While a personal interview is not necessary, it is helpful both to the prospective student and to the College.

Elon College admission packets are available from many high school guidance offices or directly from the Admissions Office of the College. Completed applications should be returned with a non-refundable \$10 application fee and transcripts of all high school credits and any post secondary work attempted.

Degree candidates and special students must satisfy the Committee on Admissions as to intellectual promise, and emotional and social stability.

Admission generally requires no fewer than the following number of units of high school credit:

English 4 units

One Foreign Language 2 units

Math 2 units (Algebra I & II or Algebra 1 & Geometry)

History 1 unit

Science 1 unit

## Entrance Examinations

Applicants for admission to Elon College are required to submit their scores on the Scholastic Aptitude Test of the College Entrance Examination Board or the American College Test of The American College Testing Program. For either test, scores should be sent directly to Elon College.

Application blanks, lists of testing centers and dates, and rules on applications, fees, reports, and the conduct of testing are available in most high school guidance centers in the United States.

## Acceptance On Condition

Students who have been graduated from a secondary school but do not meet the requirements in subject matter areas and units may be accepted on



condition. Any deficiency must be removed at Elon before the beginning of the sophomore year. Students entering with a deficiency may not be able to complete degree requirements in eight regular semesters.

Students whose deficiencies indicate a need for special work may be required by the Admissions Committee to participate in the Academic Development Program. Upon successful completion of this work and recommendation by the Academic Development Program Coordinator, the student may proceed with regular course work.

## Special Students

The College admits a limited number of special students. These include:

1. *Persons who wish only private music instruction* in the Department of Fine Arts. Such applicants are admitted if instructors are able to schedule lessons for them.

2. *Persons 21 years of age or older who are not high school graduates* or candidates for a degree but wish to take class work. Such applicants are accepted on the basis of maturity, seriousness of purpose, and background sufficient to do the class work desired.

3. *College graduates* who are interested in further study at the College. Such applicants are admitted if they fulfill the requirements for admission to the desired courses and upon recommendation of the Director of Admissions following an interview.

4. *High school students* who wish to take work on the Elon campus prior to and during their senior year. Credit for this work is generally transferable to other institutions. Sufficient credits may be earned to enable students to have sophomore standing prior to regular admission.

5. *High school students who wish to enter Elon at the end of their junior year* may submit an application for special consideration for early admission.

## Advanced Placement

Applicants for admission to freshman status may be placed in advanced classes in fields in which they have demonstrated superior ability and understanding. Recommendations for advanced placement come from the Dean of Academic Affairs with the approval of the department chairmen.

## Credit by Examination

### Advanced Placement Examination

Students who earn a score of 3 or better in the Advanced Placement Tests of the College Entrance Examination Board taken at the high school during Spring of the senior year may receive credit in the following fields: Biology, Chemistry, English, History, Mathematics, Physics. Scores should be sent to the Director of Admissions for approval by the Dean of Academic Affairs.

### College Level Examination (CLEP)

Students who score in the 50th percentile or better on CLEP subject examinations may earn as many as 26 semester hours of credit in the following:

Accounting 211, 212; Biology 111-112; Chemistry 111, 112; Economics 211, 212; English 111, 112; History 111, 112, 211, 212; Mathematics 111; Psychology 211.

Scores should be sent to the Director of Admissions for approval by the Dean of Academic Affairs.

### **American College Testing Proficiency Examination Program (PEP)**

Students who demonstrate proficiency in the PEP examination may earn college credit in the following:

American Literature 221, 222; Freshman English 111, 112; Accounting 211, 212; Education 211; Educational Psychology 321; Physical Education 120.

Scores should be sent to the Director of Admissions for approval by the Dean of Academic Affairs.

### **Department Examination**

Students may contact the Dean of Academic Affairs for details concerning the process for credit through examination by departments at Elon in areas not covered above.

## **Transfer Program Information**

### **Direct Transfer Program in Applied Arts and Applied Sciences**

Students receiving an Associate of Applied Arts or Applied Science Degree in a vocational or technical area from an accredited technical institute or community college may transfer all work up to and including 65 semester hours (or equivalent) for application toward a BAS (Bachelor of Applied Science) or a BAA (Bachelor of Applied Arts) degree. However, the BAA in Early Childhood Specialist will NOT meet teacher certification requirements in North Carolina.

Requirements for BAA or BAS Degree:

1. A student will transfer his major (Applied Arts or Science degree).
2. General education distribution requirements will be completed at Elon College.
3. Enough additional elective hours will be earned at Elon to equal the 126 required for graduation.
4. Admissions requirements in Mathematics and Foreign Language must be satisfied prior to graduation.

### **Direct Transfer Program in Liberal Arts**

Graduates of accredited community colleges or junior colleges who hold an Associate of Arts or an Associate of Science Degree may continue their education at Elon College and receive full credit for their study at the junior college level, with direct transfer of up to 65 semester hours of work.

Requirements for an AB or BS Degree:

1. Requirements for a major must be completed at Elon.
2. General education distribution requirements will be completed at Elon.
3. Additional elective hours to equal the 126 necessary for graduation will be completed at Elon.
4. Any freshman admissions deficiencies in Mathematics or Foreign Language will be completed at Elon.
5. It is necessary that a student have 36 hours of credit at the Junior-Senior level to qualify for graduation.

## **Credit for Veterans**

Veterans entering Elon may transfer certified credits from various areas.

1. Military personnel on active duty who wish to submit CLEP credits should see their Education Officers concerning CLEP tests or write to USAFI, Madison, Wisconsin.

2. USAFI courses taken while in the service may be accepted for credit.
3. Work for other accredited post-secondary institutions may transfer.
4. Service experience may be accepted for physical education and health requirements.

## General Costs

Elon College invests in the educational program for each student approximately the same amount that he is asked to pay for his college education. This is possible because of endowment funds and other sources of revenue.

The cost of attending Elon is reasonable. A dormitory student's tuition, room and board for the 1981-82 academic year is \$3,990.00, payable \$2,125.00 by August 8 and \$1,865.00 by January 2. For a commuter student, the cost of a year's tuition is \$2,450.00 payable \$1,295.00 by August 8 and \$1,155.00 by January 2. The student taking evening classes pays special rates per semester hour (see schedule on page 27). The estimated cost of books is \$200 to \$250 for the scholastic year, of which \$125 is needed for purchases from the bookstore at the opening of the fall semester.

Student Government Association and PIRG fees are collected from all full-time students during registration. The fees cover activities of these organizations.

These estimates do not include fees for special courses and special laboratory work, which depend upon the course of study undertaken, nor personal expenses, which vary with the individual student. For the student who must earn money toward his college expenses, there are a number of opportunities for work.

## Room Rent

Students changing rooms without permission of the dean are charged for both rooms. Student-owned furniture is not permitted in the residence halls.



## Costs Covered by Tuition

Included in the tuition fees are costs of registration, use of the library, recreation facilities, admission to college athletic events (at home), student publications, health service, post office box, laboratory fees, and 12 to 18 semester hours of work, inclusive each semester. No charge is made for band, orchestra or choir.

## Board Costs

All resident students are required to board in the College dining hall. The cost of board is subject to change without notice. Double charge is made for special diets.

Students living off campus but enrolled as full-time students may eat in the College dining hall upon payment of board fees for each semester as determined by the Business Office.

## Expenses for 1981-82 Academic Year

### DAY CLASSES

	Fall Semester	Winter Term	Spring Semester
<b>Full Time</b>			
Tuition . . . . .	\$1,295.00*	**	\$1,155.00*
Board . . . . .	540.00	**	420.00
Room . . . . .	290.00	**	290.00
Student Government & PIRG Fees . . . . .	20.00		20.00

### Part Time

One course, Fall and Spring, each semester hour . . . . .	\$46.00
One course, Winter, each semester hour . . . . .	\$56.00
More than one course, each semester hour . . . . .	\$66.00
High school students, each semester hour . . . . .	\$41.00

### EVENING CLASSES

Fall and Spring, first two courses

(7 sem. hrs. maximum), each semester hour . . . . .	\$ 46.00
More than two courses, each semester hour . . . . .	66.00
Winter, each semester hour . . . . .	56.00
Combination of evening and day classes, each semester hour . . . .	66.00

### SUMMER SCHOOL 1981

For Each Term:

Tuition, each semester hour load . . . . .	\$ 46.00
College Fees . . . . .	36.00
Room and Board . . . . .	240.00
Student Government Association Fee (for 6 semester hours) . . . . .	1.00

\*For a 12-18 semester hour load: extra hours at the rate of \$20.00 per semester hour, excluding credit for choir, band and orchestra. Full-time students enrolled in the Fall may attend Winter Term at no additional charge except tour costs.

\*\*For a student not enrolled full time in the Fall semester or who takes courses during the Winter Term only, tuition is \$56.00 per semester hour, and room and board is \$192.00, making a total of \$360.00 for a three-hour course. Dormitory students who re-enroll full time in the spring semester are given a credit of \$133.75 (3 sem. hrs.); commuter students \$98.00 (3 sem. hrs.). There are additional tour costs for the Study Abroad Program. Tour costs are not subject to discount or tuition remission.

**OPTIONAL SPECIAL FEES** (applicable for specific services only as noted below)

**Fine Arts Courses**

For extension and part-time students, special fees are charged for piano, organ, voice, band and orchestral instruments, and art courses. The fees for each semester are:

Two lessons each week in piano, organ, violin, voice, band, art . . . . .	\$165.00
One lesson each week in piano, organ, violin, voice, band, art . . . . .	\$105.00

**For Winter Term:**

Two lessons each week in piano, organ, violin, voice, band, art . .	\$ 56.00
One lesson each week in piano, organ, violin, voice, band, art . .	35.00

**Other Special Fees**

Auditing courses, each . . . . .	\$ 30.00
Driver Training — P.E. 260 . . . . .	10.00
Golf — P.E. 105, P.E. 161, each course . . . . .	15.00
P.E. 209 . . . . .	\$100.00
Art — Art 101, 102, 103, 104, 112, 311, 312, each course . . . . .	10.00
Art 111, 261, each course . . . . .	5.00

**Graduation, Diploma, and Certificate Fees**

Graduation . . . . .	\$ 22.50
Diploma in piano, organ, voice, each . . . . .	10.00
Secretarial — one year . . . . .	6.50
Secretarial — two years, Associate in Arts, Associate in Science . . . . .	12.50
Medical Laboratory Technician — Associate in Science . . . . .	12.50

**Miscellaneous Fees**

Late Registration . . . . .	\$ 10.00
Changing dormitory room after registration . . . . .	2.00
Transcript (no charge for initial transcript) . . . . .	2.00
Re-enrollment after removal from classes for failure to pay accounts when due . . . . .	5.00
Failure to make account payments when due . . . . .	1.00
Caution deposit (includes key deposit) . . . . .	25.00
Examination for Course Credit . . . . .	25.00
Recording fee for CLEP or PEP examination . . . . .	10.00
Motor Vehicle Registration per year, non-refundable Residential students . . . . .	10.00
Commuting students . . . . .	5.00
Registration for each additional vehicle . . . . .	1.00
Duplicate I.D. Card . . . . .	5.00
Duplicate Meal Ticket . . . . .	5.00

A student's transcript may be withheld if his financial obligations to the College have not been fulfilled.

**Optional Payment Plans**

Parents who prefer to meet academic expenses out of monthly income rather than in large cash payments may make arrangements with The Tuition Plan, Incorporated.

Two separate Tuition Plan programs are available, both of which offer the parent the option of low cost life insurance.



The DEFERRED PAYMENT PROGRAM is a loan plan which advances money to the parent to pay for school costs. This program offers low monthly payments and makes available a wide variety of payment terms.

The MONTHLY BUDGET PROGRAM offers parents a low cost method of budgeting educational expenses without going into debt. This program is not a loan, but is prepaid in advance of each school term. Additional information can be obtained from:

The Tuition Plan, Inc.  
Donovan Street  
Concord, NH 03301  
Toll-free: 800-258-3640

Several banks, some savings and loan associations, and other financing institutions have developed plans to assist students and parents in financing an education. Parents who are interested in such plans and wish additional information should consult such private institutions. The College will be happy to render any possible assistance.

## Acceptance, and Room Reservation Fees

*All Resident Students.* To complete acceptance and to reserve a resident room, a deposit of \$125 is due within the time specified in the letter of acceptance. This deposit is credited to the student's account. The full amount is refundable until May 1, with written notification of withdrawal. After May 1, \$25 is refundable until August 1. For the spring semester the full amount is refundable until December 15. A forfeited deposit can only be refunded upon a doctor's statement of applicant's inability to enroll.

If a resident student decides to commute, the Admissions Office must be notified before May 1, in order to get full credit for the room deposit.

*All Commuter Students.* To complete acceptance, a deposit of \$50 is due within the time specified in the letter of acceptance. It is not refundable after May 1 for the fall semester, and December 15 for the spring semester, except upon a doctor's statement of applicant's inability to enroll.

## Refunds

1. Courses dropped after 25% of the term has passed are payable in full.
2. Evening courses, summer school courses, and courses taken by part-time students dropped within the first 25% of the term are subject to a pro rata rebate of the cost involved. All courses are payable in full after 25% of the semester has passed. The student who withdraws from school in the allowed period is eligible for a prorated refund.
3. Tuition and fees are refunded on a pro rata basis in case of withdrawal from the College or course during the first 25% of the semester, provided the student receives permission from the Dean of Student Affairs and checks out through the Business Office and Financial Aid Office at time of withdrawal. Refunds after the 25% period are made on a pro rata basis when a student withdraws from college because of illness and presents a statement from the attending physician. Any part of a week will be considered as a full week for the purpose of charging tuition and fees.
4. Charges for room and board are made for the session in which the student enrolls, and refunds are made on a pro rata basis for board only,

provided the student receives permission from the Dean of Student Affairs, the Dean of Academic Affairs and checks out through the Business Office and Financial Aid Office at time of withdrawal. No reduction in board charges is made for absences of less than two full consecutive weeks. When a student is permitted to withdraw and adjustments are involved for board, any part of a week will be considered as a full week for purposes of board charges. Board only is refundable to students who enroll in the fall and do not attend Winter term.

5. Refunds for private lessons in music and art are made on a pro rata basis only when the student withdraws from the college because of illness and presents a statement from the attending physician.

6. In the event that a student does not fulfill graduation requirements, he is entitled to a refund of \$15.00 of the graduation fee. A student who does not fulfill requirements for Associate in Arts/Science is entitled to a refund of \$6.25. A student who does not fulfill requirements for a secretarial certificate is entitled to a refund of \$3.25 of the certificate fee.

The College reserves the right to change any and all fees.

No penalty charges are assessed where the college, as opposed to the student, is in error. This is cleared through the Registrar.

All notifications of withdrawal or cancellation and requests for refund must be in writing and addressed to the Dean of Student Affairs. Oral requests are unacceptable.

Refunds due will be paid or credited as quickly as possible and within a two-week period.

For students or parents who feel that individual circumstances warrant exceptions from published policy there is an appeals process through the Treasurer and Business Manager, Elon College, Elon College, N. C. and then to the President of the College, same address.

## Financial Aid

Elon College operates on the policy that no student should be denied a college education because of limited funds. As far as possible eligible students are aided in meeting costs through careful planning and through various forms of financial assistance.

To be eligible to receive any type of financial aid except The Pell Grant, (Basic Educational Opportunity Grant (BEOG)) students must be enrolled for at least 12 semester hours of classes per semester. BEOG requires at least six semester hours and the amount of the grant is reduced appropriately.

There are three types of aid:

- Grants that require no repayment.
- Long term, low interest loans.
- College Work Study and Institutional Work Study.

Financial aid usually includes some portion of each type of assistance.

Applications for a "named" scholarship are not necessary. Recommendations are made by Financial Aid Committee.

Prior to May 1 EACH YEAR entering students, transfer students and continuing students MUST complete the following: (1) File a Financial Statement of American College Testing Program, (FFS) or College Scholarship Service (FAF) or an equivalent approved financial statement; (2) complete the BEOG section of the form; (3) request that a copy of the report be sent to the Director

of Financial Aid at Elon College; (4) complete an Elon application for financial aid; and (5) file a copy of the IRS form 1040 for the previous year with the Director of Financial Aid.

Students who feel they are financially independent of their parents should contact the Elon College Office of Financial Aid for application instructions.

## Government Sponsored Financial Aid Programs

*Pell Grants.* (Formerly Basic Educational Opportunity Grants) are based on financial need. Contact the Elon Office of Admissions and Financial Aid or your high school counselor. (Application contained with FAF or FFS.) A financial statement and Elon College application for financial aid are required.

*National Direct Student Loan Fund.* Under the terms of this program, students at Elon College may secure loans from this fund. To be eligible a student must maintain a good standing, be in need, and have been accepted for enrollment to carry at least half of the normal full-time work load. Interest rate is 4 percent and begins six months after a borrower ceases to pursue at least a half-time course of study. A financial statement and Elon College application for financial aid are required.

*Supplemental Educational Opportunity Grant Program.* Grants are available to students who demonstrate a great financial need. A Financial statement and Elon College Application for financial aid are required.

*Parental Loan Program.* Loans are available to parents of students enrolled in a post high school educational program. Repayment will begin within 60 days of disbursement and interest accrues at the rate of 9 percent.

*Guaranteed Student Loan Program.* The Guaranteed Student Loan Program is designed to make it possible for students to borrow from private lenders to help pay for the cost of education and training at universities, colleges, and vocational schools with the Federal Government paying part of the interest for qualified students. Loans are either guaranteed by State or private nonprofit agencies or insured by the Federal Government.

A student may apply for a maximum of \$2,500 per academic year. Total loans outstanding may not exceed \$12,500 for undergraduate students.

In North Carolina, this program is administered by College Foundation, Inc., Raleigh, North Carolina.

*College Work-Study.* Students who qualify for financial assistance who need a job to help pay for college expenses are potentially eligible for employment by their colleges under federally supported Work-Study Programs. Students may work up to 15 hours weekly while attending classes full time. During the summer or other vacation periods, students may work full time. To work under this program, a student must be in good standing and enrolled on a full-time basis.

*North Carolina Legislative Tuition Grant.* A \$600 tuition grant is available to all bona fide North Carolina residents in full-time study in a private college within the State. The application is completed during registration.

*North Carolina Contractual Scholarship Fund.* The North Carolina State Legislature has passed legislation providing funds for needy North Carolina residents who wish to attend a private college. These scholarships are administered by Elon College based on financial need. A financial statement and Elon College application for financial aid are required.

*North Carolina Student Incentive Grant.* Gift aid granted to low income North Carolina residents attending a public or private educational institution within the State. Grants are approximately \$200-\$2,000 and are administered by College Foundation, Inc.

## Student Employment

*Institutional Work-Study Program.* This program is maintained by the College to provide students part-time employment on campus to help defray their college expenses.

*Off-Campus Employment.* The College strives to help as many students as possible find part-time employment in the surrounding community.

## Presidential Scholarships

*Danieley Scholarship.* In honor of Dr. J. E. Danieley, sixth president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Harper Scholarship.* In memory of Dr. W. A. Harper, fourth president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Long Scholarship.* In memory of Dr. W. S. Long, founder and first president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Moffitt Scholarship.* In memory of Dr. E. L. Moffitt, third president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Smith Scholarship.* In memory of Dr. Leon Edgar Smith, fifth president of the College, this fund was established by an initial gift from John T. Kernodle, of Richmond, Virginia. Additional contributions have been received from friends of former President Smith. The income from this endowment is used to aid worthy students.

*Staley Scholarship.* In memory of Dr. W. W. Staley, second president of the College, a scholarship is awarded to some worthy member of the freshman class.

## Academic Scholarships

*Walter H. and Barbara Day Bass Scholarship Fund.* This endowment was created by Mr. and Mrs. Bass, graduates of Elon College. The income from this fund is awarded to students who have financial need and a record of high academic achievement. The scholarship is renewable upon continued academic success and demonstrated good citizenship.

*Caddell Memorial Scholarship Fund.* Established in memory of Dr. Stephen Washington and Cora Bell Caddell by members of their family. Income from this endowment will be used as scholarship aid for a student of good character who has demonstrated high academic achievement.

*Wallace L. Chandler Scholarship Fund.* Established as an endowment to provide income for scholarships for students from the Richmond, Virginia, metropolitan area, who have demonstrated high academic achievement and have substantial promise for continued success.

*Elon Scholars Program.* Established by the trustees of Elon College. Scholarships are awarded each year to students with outstanding promise.

*Jesse Weldon Harrington Scholarship Fund.* This endowment was established by citizens of the community in honor of Mr. Harrington for his leadership and many years of dedicated service at Williams High School. Income from this Fund is used for Williams High School graduates who have demonstrated leadership and academic achievement.

*The Ralph F. and Florance Walker Kirkpatrick Scholarship Fund.* Established by Mr. and Mrs. Ralph F. Kirkpatrick of Burlington, North Carolina. Earnings from this endowment fund are used for the purpose of providing an annual scholarship to a student from Alamance County with an outstanding academic record.

*McCrary Scholarship Fund.* Established by Iris and John McCrary. Earnings from this fund will be used to provide a scholarship for academically talented students who have financial need.

*Elwood E. Stone Scholarship Fund.* Established in memory of Elwood E. Stone by his wife, Lucile C. Stone, and their son, Elwood E. Stone, Jr. The income from this endowment is awarded annually to a promising student who is pursuing a career in early childhood education.

*Margaret Delilah Bobbitt White Scholarship Fund.* Established in memory of Mrs. White by her son Colonel Henry E. White of Lexington, South Carolina. The interest from this endowment fund is awarded to an outstanding student, preferably from Vance County, North Carolina.

## General Scholarships

*Alamance-Caswell Scholarship Fund.* Created by a gift from an anonymous donor. The income from this fund is awarded annually to a student from Alamance or Caswell County who has demonstrated high academic achievement and high moral character and has need of financial aid.

*Nina and Dickie Andrews Scholarship Fund.* Mr. R. Homer Andrews created this fund in memory of his wife, Nina, and their son, Dickie. The income is to be used to provide scholarships for needy and worthy students, preferably from Alamance County.

*The Dr. J. O. Atkinson Memorial Scholarship Fund.* This endowment was created by the members of the family of the Reverend J. O. Atkinson. The income is to be used as financial aid for deserving students.

*John W. Barney Memorial Scholarship Fund.* The fund was established by colleagues, former students, and friends of the late John W. Barney, a graduate of Elon College in the class of 1910 and a member of the faculty of the College from 1925 until his retirement in 1958.

*Barrett-Harward Scholarship Fund.* Created by William E. and Sue Barrett Harward in memory of Waverly S. Barrett, founder of the Dendron, Virginia, Christian Church and outstanding churchman and civic leader, and William D. Harward, Class of 1896 and minister of North Carolina and Virginia Christian churches for 45 years. The income from this fund is awarded preferably to a student pursuing the ministry or other full-time Christian vocation.

*Brannock Scholarship.* The Brannock fund was established by former students of Dr. Ned Faucette Brannock, who served as a member of the College faculty from 1908 to 1959. The earnings from the fund are used to provide a partial scholarship for a senior in the Department of Chemistry who engages in an original research project as part of his study program.



*The C. V. "Lefty" Briggs Athletic Scholarship Fund.* Established in honor of C. V. "Lefty" Briggs, class of 1930, member of the Elon College Sports Hall of Fame, by his daughters. The income from this endowment is awarded annually to a man or woman who possesses outstanding athletic ability and high moral character.

*Burlington Business and Professional Women's Club Scholarship.* Provides scholarships for needy and worthy women students from Alamance County.

*Byrd Scholarship Fund.* Established by C. R. Jr. and H. W. Byrd. Earnings from this fund are used to provide scholarships for employees of Byrd's Food Stores, children of employees or students pursuing a course of study leading to a career in full-time Christian work.

*Luther Byrd Athletic Scholarship Fund.* This endowment was established by the many friends and former students of Luther Byrd. Income from the endowment will provide two awards annually — one to a deserving student who is a member of the basketball team and one to a student who is working his/her way through college as a member of the college's sports information office.

*Class of 1925 Scholarship Fund.* This endowment fund was established in "honor of the living and in memory of the deceased" members of the class of 1925. The income from this fund is used to provide scholarship aid for worthy students.

*Class of 1930 Scholarship.* This endowment fund was established by the members of the Class of 1930. The income from this fund is used to provide scholarship aid for deserving students.

*George D. Colclough Scholarship Fund.* Created by gifts from the family and friends of George D. Colclough, class of 1924, who served as a member and Secretary of the Board of Trustees of the College. The income from the fund is awarded annually to a deserving student.

*The Alan Wheeler Crosby Scholarship Fund.* This fund was created in memory of Alan Wheeler Crosby of Hampton, Virginia, by the Crosby family and his friends. The income from this fund is used to provide scholarship aid to needy and worthy students.

*Dewey Hobson Dofflemeyer Scholarship Fund.* Established in memory of Dewey Hobson Dofflemeyer by his wife, Annie Onley Dofflemeyer. Dr. Dofflemeyer, a churchman, teacher, and businessman, was graduated from Elon College with the class of 1920. The earnings from this fund are used for scholarship aid for worthy students.

*The W. Clifton Elder Scholarship Fund* was established by the family and friends of W. Clifton Elder, alumnus and long-time member of the board of trustees. Income from this endowment will be awarded annually to a well-rounded, deserving student, preferably from an Alamance County textile family, who can demonstrate a need for economic assistance.

*Sadie V. Fonville Memorial Fund.* A bequest of the late Miss Sadie V. Fonville of Burlington, N.C., providing for a scholarship each year to a worthy student who is a member of the United Church of Christ.

*Allen Erwin Gant Scholarship.* An endowment fund was established in memory of Allen Erwin Gant, member of the Board of Trustees of the College, by his sisters, Miss Jessamine Gant and Miss Corinna Gant. Income from the fund provides scholarships with preference given to students who are residents of Alamance County.

*John S. Graves Scholarship Fund.* Established by the friends of Johnny Graves, who served as College Chaplain and also taught in the Department of

Religion. This scholarship is awarded annually to a student who best exemplifies Reverend Graves's philosophy of life: "Faith in God coupled with love and respect for one's fellow-man."

*Robert Kelley and Pearle Jones Hancock Scholarship Fund.* Established by their daughter, Mrs. Myrle Hancock Chamberlain, and their grandson and his wife, The Very Reverend and Mrs. David Chamberlain, in memory of Mr. and Mrs. R. K. Hancock. The income from this endowment will be used for scholarship aid for a needy and deserving student who has demonstrated a sense of purpose.

*Asheville-Charlotte A. Hebard Scholarship Fund.* A scholarship fund in memory of Mrs. Hebard. The Asheville United Church of Christ, which administers the fund, stipulated that from the earnings of the fund scholarship aid is to be awarded annually to worthy "orphaned and neglected children," preferably those from the Elon Home for Children.

*David M. Helfenstein Scholarship Fund.* This fund was established as a result of a bequest from Miss Anna Helfenstein.

*E. E. Holland Scholarship.* Established by a bequest from the estate of Eunice Ensor Holland as a memorial to her husband, Edward Everett Holland, former United States Congressman from Suffolk, Virginia, a long-time member of the Elon College Board of Trustees. The income from this fund is used for financial aid to deserving students.

*Vitus Reid Holt Scholarship.* Established by members of his family as a memorial to Mr. Holt, who served as a trustee of the College and of the Elon Home for Children. Earnings from this endowment fund are used as scholarship aid primarily for students from the Elon Home for Children.

*C. Chester Huey Athletic Scholarship Fund.* This endowment was established in memory of Mr. Huey, an avid supporter of Elon's athletic program, by his widow, Josie; his daughter, Elna; and his son, Paul. The income from this fund is awarded annually to a deserving student baseball athlete.

*Laura and Nelson Jackson Scholarship Fund.* Created by Mr. and Mrs. Nelson Jackson, Sr. of Tryon, North Carolina, leading citizens of that community and loyal members of the Congregational Church of Christ. The income from this fund is used to support scholarships for needy and worthy students who have exhibited a potential for positive contributions to the College community and society.

*The Gordon-Jennings Scholarship Fund.* This fund was created by the Gordon-Jennings families and the income from this fund is to be used annually to provide scholarship aid to deserving students.

*Rep. John M. Jordan Scholarship Fund.* The income from this fund will be used to provide assistance for a deserving student from Alamance or Rockingham counties, N. C.

*Virginia Beale Kernodle Scholarship Fund.* Created by John T. Kernodle, class of 1908, in memory of his wife, Virginia Beale Kernodle, class of 1913. The income from this fund is awarded to deserving students, preferably to those from Eastern Virginia.

*Max Lieberman Scholarship Fund.* This fund was established by a bequest under the will of Max Lieberman, a former resident of Alamance County. The interest from this fund is used for a scholarship for a male student from Alamance County chosen by the Alamance County Board of Education and Graham High School.

*Claude V. and Alva Lee Currin Long Scholarship Fund.* This endowment was established by Claude V. Long in memory of his wife. Income from this

fund will be used as a scholarship for deserving students, preferably from Alamance County.

*The Mills and Mary Alice Luter Scholarship Fund.* Created by Mr. and Mrs. Luter of Suffolk, Virginia. The income from this fund is to be awarded annually to a deserving student, preferably from the Elon Home for Children.

*Sue Boddie Macon Scholarship.* Established in memory of the late Miss Sue Boddie Macon (June 24, 1913-June 13, 1952) by her aunt, Miss Margaret P. Alston, and her mother, Mrs. Pattie Alston Macon, of the Liberty Vance Congregational Christian Church of Henderson, N. C.

*The Graham Mathis Athletic Scholarship Fund.* This fund was established in 1979 to honor former Elon Coach Graham "Doc" Mathis by his former players. Income earned is awarded annually to deserving student-athletes in basketball, football and baseball.

*The John Z. and Mildred W. McBrayer Scholarship Fund.* This scholarship was created by Mr. McBrayer, class of 1938, and Mrs. McBrayer, both of Cleveland County, North Carolina. The income from this fund is awarded annually to a deserving student from Cleveland County.

*Memorial Scholarship Fund – First Christian Church, Portsmouth, Virginia.* The Women's Fellowship and others of the First Christian Church, Portsmouth, Virginia, in 1965 established a memorial scholarship honoring First Church which was founded in 1901. In 1965, due to population changes, the Church was closed, and its life was merged with the United and Shelton Memorial Congregational Christian Churches (United Church of Christ) of Portsmouth. The income from this endowment fund is to be used to support scholarships for worthy and needy students at Elon College.

*Moser Scholarship Fund.* This endowment was established by Mr. and Mrs. B. A. Moser. The income from the Fund will be used for financial aid to deserving students preferably pursuing full-time Christian work who are from Alamance County and the Davis Street United Methodist Church.

*Paul C. and Margaret S. Plybon Scholarship Fund.* Established by Paul C. Plybon, Sr., class of 1948, and his wife, Margaret S. Plybon. Income from this endowment will be used to provide financial aid to worthy students who have demonstrated high academic and leadership abilities.

*The Horace Powell Scholarship Fund.* Established by Horace C. Powell of Fuquay-Varina, North Carolina. Earnings from this endowment fund are used as scholarship aid to deserving students.

*O. D. Poythress Scholarship Fund.* This fund was established in 1966 by the South Norfolk Christian Church, Chesapeake, Virginia, in honor of the Reverend Olive Daniel Poythress, who served as pastor of the church for 43 years, and as Pastor Emeritus until his death in 1968. The income from this endowment fund is to be used to help provide scholarships for worthy and needy students at Elon College, with preference being given to students from the South Norfolk Christian Church.

*Richmond Alumni Chapter Scholarship.* The income from an endowment fund contributed by this alumni chapter provides scholarships for freshmen students from the Richmond area.

*Viola V. Rollings and Amos Thornton Rollings Scholarship Fund.* Established by a bequest from the estate of Viola V. Rollings in memory of her brother, Amos. Income from this endowment will be used for scholarship aid for a needy and deserving student.

*James C. Scott Golf Scholarship Fund.* This fund has been established by the family and friends of James C. Scott, former member of the Elon College Golf Team. The earnings from this fund are to be used to provide a golf scholarship.

*Nancy Gordon Sheffield Scholarship Fund.* Established in memory of Nancy Gordon Sheffield by members of the family and friends. The income from this fund will be awarded to a deserving student, preferably from Alamance or Guilford Counties.

*Oscar F. Smith Scholarship Fund.* Established by a bequest from a former trustee, Oscar F. Smith, from Norfolk, Virginia, for scholarship assistance to students preferably from Eastern Virginia.

*Stadler Country Hams, Incorporated Scholarship.* This endowment was established to provide scholarship aid to a deserving student.

*Staley Memorial Scholarship Fund.* The Women's Missionary Convention of the Southern Convention of Congregational Christian Churches in 1953 established at the College the Staley Memorial Scholarship Fund in memory of Dr. William Wesley Staley (1849-1932), the second president of the College. The income from this permanent fund is granted by the College to worthy students.

*William H. Stratford Scholarship Fund.* This endowment was created by a bequest from Mrs. Marguerite R. Stratford in memory of her husband, Dr. William H. Stratford, class of 1899. Income from this fund is used for scholarship grants.

*Rodney E. Taylor Scholarship.* Established by Mr. and Mrs. Rodney E. Taylor, this scholarship provides assistance for deserving students.

*Tessie Z. Taylor Scholarship Fund.* Established by the faculty of the Department of Business Administration and Business Education, this scholarship is awarded to a needy high school senior entering Elon College in Business Education or to a two-year Business Education student transferring to the four year program in Business Education.

*The William Brown Terrell Scholarship Fund.* This scholarship fund was established by Elon College High School alumni and teachers to honor William Brown Terrell, educator and civic and religious leader, for his dedication to his students and his keen interest in athletics. The income from this fund will be awarded to a deserving athlete.

*Tidewater Alumni Chapter Scholarship.* A scholarship established by the area alumni for worthy students from the Tidewater area.

*Trolinger Memorial Fund.* The William H. and John A. Trolinger Memorial Fund was established by a gift of Mrs. Isla Stratford May, William H. Stratford, John B. Stratford, Parke C. Stratford, and Robert E. Stratford, children of the late William O. and Bessie Trolinger Stratford, in memory of their grandfather and uncle. The earnings from this endowment are used as scholarship aid for worthy students from Alamance County.

*Lillian Pearl Tuck Endowment Fund.* Established as a memorial gift for Miss Lillian Pearl Tuck, a graduate of Elon College and a dedicated educator, the income from this endowment provides scholarships for deserving students.

*Union United Church of Christ Scholarship Fund.* This endowment fund was created by gifts from the Union United Church of Christ in Virgilina, Virginia. The income is awarded preferably to a deserving student or students from the Union United Church of Christ.

*D. C. "Peahead" Walker Scholarship Fund.* The D. C. "Peahead" Walker Scholarship Fund, an endowment, was established by gifts from family, friends, and



*former students of Coach Walker. The income provides annual scholarships in football, basketball, and baseball.*

*C. Max Ward Scholarship Fund.* Established by C. Max Ward, class of 1949. Annual earnings from this endowment fund are used for scholarship aid for students who show academic promise, a definite need, and an interest in athletics.

*Clyde T. and Esther Ward Golf Scholarship Fund.* Established by C. Max Ward, class of 1949, and Cynthia Fertig Ward in honor of Mr. Ward's parents. Annual earnings from this endowment fund are used for scholarships for members of the golf team.

*Rachel and Bethany Ward Scholarship Fund.* Established in 1974 by George Michael Ward in honor of his two daughters. The income provides annual scholarships to deserving women athletes.

*William I. Ward, Sr. and David Samuel Ward Scholarship Fund.* Established by William I. Ward, Jr. in memory of his father and brother. The donor's great-grandfather, Dr. William S. Long, was one of Elon College's founders and first president. Income from this endowment will be used as scholarship aid to a graduate of Graham (N.C.) High School, or its successor high school or a resident of Graham who possesses good character, inquiring mind and has financial need.





## Ministerial Student Scholarship

Dependent children of ministers of the United Church of Christ are granted tuition discounts of \$400.

*Edward M. Albright Scholarship Fund.* Established in memory of Mr. Edward M. Albright through a bequest from his wife, the late Mrs. Olivia White Albright, the income is to be used for scholarships for ministerial students.

*The Rev. J. Frank Apple Memorial Scholarship Fund.* Established in memory of Rev. J. Frank Apple, class of 1917, by the family and friends from churches served by him over the years. The income from this fund is to be used to provide financial assistance for worthy and deserving students, preferably preparing for full-time church-related vocations.

*Richie E. and Agnes R. Brittle Scholarship Fund.* Created by the Hunterdale United Church of Christ, Franklin, Virginia, in honor of Dr. R. E. Brittle, 1928 graduate of Elon College and a long-time, dedicated minister in the Southern Conference of the United Church of Christ, and Mrs. Brittle. The income from this fund is awarded annually to a student who is pursuing a career in a full-time Christian vocation.

*Maggie Baynes Dixon Ministerial Scholarship.* An endowment fund bequeathed by the late Mrs. Maggie Baynes Dixon to be used to support ministerial scholarships.

*Eastern North Carolina Ministers Memorial Fund.* Established by the Eastern North Carolina Association of the Southern Conference of the United Church of Christ. The income from this fund is to be used for scholarships preferably for worthy and needy students who are from churches in the Eastern North Carolina Association and who are majoring in religion or religious education.

*Franklin Congregational Christian Church Scholarship.* Established by the Franklin Congregational Christian Church of Franklin, Virginia. The income from this fund is awarded annually to a deserving student with the following order of preference: (1) a member of the Franklin Church, (2) a member of an Eastern Virginia Association church, (3) a member of a Southern Conference church.

*Dr. Howard S. Hardcastle Memorial Scholarship Fund.* Established by family and friends from churches in Eastern Virginia Association of the Southern Conference in memory of Dr. H. S. Hardcastle (1891-1970). The income from this endowment is to be used for scholarship aid for needy and deserving students, preferably from the Eastern Virginia Association area.

*Holmes Memorial Fund.* This fund was established by Miss Ethel Marsh Holmes as a memorial to her brother, Howard Braxton Holmes, who was a member of the College faculty. The earnings of the fund are used in the education of ministerial students.

*Dr. I. W. Johnson Scholarship.* A gift from the estate of Mrs. Sallie Bertie Ellenor Johnson, wife of the late Reverend I. W. Johnson, minister who served Congregational Christian churches in the Southern Convention, to be used for the education of ministerial students.

*J. U. Newman Memorial Scholarship Fund.* Established by a bequest from Lila Clare Newman, member of the faculty at Elon College for many years, in memory of her father, distinguished professor in the Department of Religion. Income from this endowment is to be used for scholarships for needy and worthy students, preferably ministerial.

*John Webster Patton Scholarship.* Established in memory of the Reverend John Webster Patton, who served Christian Churches in North Carolina and Virginia for nearly sixty years, this scholarship is granted each year to a deserving student who is preparing for the Christian ministry.

*Rex and Ina Mae Powell Scholarship Fund.* Mr. and Mrs. Rex Powell established this fund, the income of which is to be used for the education of children of ministers who attend Elon College.

*The Rev. Lacy M. Presnell, Sr. Memorial Scholarship Fund.* Established in memory of Rev. Lacy M. Presnell, Sr. (1902-1973) by the family and friends from churches served by him over the years. The income from this fund is to be used to provide financial assistance for worthy and deserving students, preferably from the general Randolph County area preparing for full-time church-related vocations.

*Emmett H. and Katherine H. Rawls Scholarship Fund.* This endowment fund was created from bequests from the estates of Emmett H. and Katherine H. Rawls, to provide income for scholarships for students planning for full-time Christian ministry.

*W. L. Rudd Scholarship and Loan Fund.* This fund was established by W. L. Rudd, alumnus of Elon College, to aid needy and worthy Christian students who are preparing for greater usefulness in making a better, more peaceful world and in helping to spread Christian ideals. Preference is given to students who are planning to pursue full-time Christian vocations.

*St. Mark's Reformed Church Scholarship Fund.* Established by St. Mark's Reformed Church, Route 1, Burlington, N. C. The income from this fund is to be used to provide financial assistance for worthy and deserving students preferably from the Church or Alamance County, preferably pursuing Pre-ministerial or Christian Education studies.

*Somers Scholarship Fund.* Established by the late Chaplain Lester I. Somers, CDR, USN, and his wife, Mrs. Doris Loraine Somers. The income from this fund is used to provide a scholarship for the most outstanding senior majoring in religion or preparing for a full-time Christian vocation.

*Charles E. Shelton Memorial Fund.* This fund was created by the First United Church of Christ of Portsmouth, Virginia, in memory of Dr. Charles E. Shelton, beloved minister of the Church. The income is used preferably for one or more students pursuing full-time Christian vocations. Preference is also given to students from the Tidewater, Virginia area.

*Dr. W. W. Staley Scholarship Fund of the Suffolk Christian Church.* This fund was established by the Suffolk Christian Church in memory of Dr. W. W. Staley, second president of Elon College and long-time minister of the Suffolk Christian Church. This fund is to provide a scholarship for a ministerial student or a student of an associated field with preference to be given to members of the Suffolk Christian Church or members of churches in the eastern Virginia area.

*Alda June Jones Stevens Memorial Scholarship.* Established in memory of Mrs. Millard Stevens, this endowment is to be used to support scholarships for worthy students, preferably those preparing for full-time Christian service.

## Music Scholarships

*Band Scholarships.* Awarded on a limited basis to students who are musically talented and participate in band activities.

*Jennie Willis Atkinson Bradford Scholarship.* An endowment established in memory of Jennie Willis Atkinson Bradford providing a scholarship each year to a worthy student in the Department of Music. Mrs. Bradford, daughter of the late Dr. and Mrs. J. O. Atkinson, was an honor graduate of the Class of 1917 and served as a member of the Board of Trustees of Elon College for seventeen years.

*Alyse Smith Cooper Music Fund.* Mrs. Alyse Smith Cooper established this fund, the income from which is used preferably for scholarships for music students with priority being given to those from Alamance County or North Carolina, or for support of the music program of the College.

*The Billy Crocker Jazz Scholarship.* This endowment was established by relatives and friends of Billy Crocker who was an outstanding drummer at Elon College from 1969-1972. Income from this fund will be granted annually on Awards Day to a member of the Emanons. The recipient will be selected by a vote of members of the Emanons and the directors.

*Presser Scholarship.* The Presser Foundation of Philadelphia, Pa., makes funds available annually to the College to be used for the assistance of deserving students who are preparing to become teachers of music.

*Velie Memorial Music Scholarship Fund,* established in memory of C. James Velie by relatives and friends. Professor Velie was a member of the music faculty at Elon College for a number of years. He directed the choir of the Elon College Community Church and engaged in many music activities in the area. Income from this endowment will be used for a deserving student majoring in music.

## Loan Funds

*Amick Fund.* Dr. T. C. Amick, formerly of the College faculty, created a fund to be loaned to deserving students at 6 percent interest. The President lends this fund on proper security.

*Stein H. and Pearl M. Basnight Loan Fund.* A bequest from the estate of the late Stein H. Basnight set up this loan fund in memory of Mr. Basnight and in honor of his wife, Pearl M. Basnight. Its use is designated for United Church of Christ students preparing for the ministry and is loaned at a rate of 6 percent interest. If the student enters the Christian ministry, the interest is forgiven.

*Bowling Fund.* Dr. E. H. Bowling of Durham, N. C., has created a fund to be used in educating deserving students, preferably candidates for the ministry.

*James E. and Mary Z. Bryan Foundation Student Loan Plan.* Established by Mary Z. Bryan, in 1953, as a memorial to her husband and administered by the College Foundation, Inc. in Raleigh, North Carolina. Students may borrow up to \$1,000 per academic year. Four percent interest accrues while student is in school and increases to six percent after student ceases to be enrolled as a full-time student.

*Burlington Elks Scholarship Loan Fund.* Lodge No. 1633 of the Benevolent and Protective Order of Elks, of Burlington, North Carolina, has created a loan fund for students who are residents of Alamance County. Awards are made to qualifying students by a committee consisting of the trustees then in office at the lodge and two members of the Board of Trustees of the College.

*Clarke Fund.* Dr. J. A. Clarke, formerly of the College faculty, created a loan fund for deserving students. The business manager lends this at 6 percent interest on proper security.

*Maggie B. Dixon Loan Fund.* A bequest from the estate of the late Maggie B. Dixon established this loan fund to assist members of the junior and senior classes.

*Knights Templar Educational Loan Fund.* Under the rules of the Grand Commandery, students at Elon may obtain loans from this fund.

*McLeod Fund.* The family of the late Prof. M. A. McLeod has established a fund, the income from which is loaned to worthy students on proper security.

*Helen Martin Parkerson Loan Fund.* Mrs. Helen Cannon has established a loan fund as a memorial to her mother, Mrs. Helen Martin Parkerson. It is loaned to deserving students in Business Education.

*T. M. Stanback Fund.* Created by gifts from Mr. and Mrs. T. M. Stanback. This fund is used for the purpose of making loans to worthy students. The student must sign a promissory note endorsed by another responsible person. A reasonable interest is charged on the unpaid balance after the student's program of studies is terminated.

# Academic Life Programs



## Registration

Students must register on certain designated days in September, January, and February. Registration information is made available to all students.

## Classification

Classifications are made at the beginning of the college year in September.

A sophomore must have removed all entrance conditions and have completed 24 hours of work toward a degree.

A junior must have completed 54 semester hours, and a senior 84 semester hours of work toward a degree.

## Schedule of Studies

Twelve hours of college work is considered the normal student load for freshmen. The normal student load for upperclassmen is considered to be fifteen hours of college work.

During the one-month winter term, three hours of college work is the normal load for all students.

## Auditing Courses

Persons who wish to attend certain courses regularly without doing the assigned preparation or receiving credit may do so with the approval of the Registrar. The cost is \$30.00 for each course.

## Change of Course

Registration is for an entire course, and a student who begins a course must continue it except in unusual circumstances. Continuous subjects (designated by a hyphen, e.g., 111-112) must be pursued to completion to earn credit toward a degree. Unless the student and his adviser consider it essential, a student should not change his schedule after registration. No course may be entered after 10 percent of its scheduled class meetings have been held.



## **Changes in Classes and Schedule**

The College reserves the right to cancel or discontinue any course because of small enrollment or for other reasons deemed necessary. In order to assure quality instruction, the College reserves the right to close registration when the maximum enrollment has been reached. The College reserves the right to make changes in schedule and/or faculty when necessary.

## **Dropping Courses**

In the fall and spring semesters, no student may drop a course with a passing grade after the weekday before mid-semester reports are due (see calendar); however, a course dropped with official permission of the Registrar prior to the time mid-semester grades are due will be graded WP (passing at time of withdrawal) or WF (failing at the time of withdrawal). A course dropped without official permission of the Registrar is automatically graded WF.

A student who withdraws from the College receives grades of WD (medical withdrawal) or WP and WF depending on his grades at the time of withdrawal.

## **Pass/Fail Courses**

Students have the opportunity to take two one-semester courses outside the requirements for their major and minor on a pass/fail basis.

## **Independent Study**

Students may engage in independent study of catalog courses, special topics, and research projects. Details concerning the procedure for engaging in independent study may be obtained from the office of the Dean of Academic Affairs.

## **Academic Warning, Probation and Suspension**

At least a "C" average (grade point average of 2.00) is necessary to satisfy the College's academic requirements. Each student whose cumulative grade point average is less than 2.00 will automatically be placed in some level of academic deficiency. Records of these students, as well as those whose grades in any semester fall below 2.00, are reviewed by the Committee on Academic Standing. The Committee will (1) place the student on academic warning, (2) place the student on academic probation (a more serious deficiency), or (3) suspend the student. A student with serious grade deficiencies is eligible for suspension action at any time after the completion of one full-time semester of attendance.

Students on academic warning or probation are expected to show significant improvement in their next semester or term. The Committee removes from warning the students whose cumulative grade point averages improve to at least 2.00. The Committee removes from probation and changes to warning (or clear standing) students whose cumulative grade point averages improve sufficiently. The Committee asks those who do not show adequate improvement to discontinue their studies. One academic semester must elapse before students suspended for failure to maintain normal academic progress are eligible for reinstatement. Applications for reinstatement are available from the Director of Admissions. A student who is suspended a second time for academic reasons is normally not readmitted to the College for further study.

When a student is placed on academic warning, probation or suspension, both student and parents receive official notification.

## **Continuance in College**

Maintenance of a satisfactory grade of scholarship and evidence of the ability to appreciate and to cooperate with the ideals and standards of the College are necessary for continuance at Elon.

## **Dismissal**

The College reserves the right to suspend or dismiss any student or students when it believes that such action is in the best interest of the institution and/or the student(s). This action will take place only after careful consideration and consultation with the student or students in question and all other parties with information pertinent to the matter at hand.

## **Leaves of Absence and Withdrawal**

If a student, for any reason, concludes that he must leave the College on a temporary or long term basis, he must confer with the Dean of Student Affairs and the Dean of Academic Affairs to formalize his plans. If he wishes to be absent for as long as two semesters, he may secure a Leave of Absence under which he may automatically return to the College at a time mutually acceptable. If he wishes to withdraw, formal arrangements can be made. In either case, the official record of the student cannot be cleared until action — either Leave or Withdrawal — is complete.

## **Absences From Class**

Since students must attend classes regularly in order to derive maximum benefit from their courses, the College strictly and fairly enforces policies governing classes, and students are responsible for knowing the attendance regulations. The following is the general plan of the attendance regulations:

Each department publishes its own attendance policy. A student who has excessive absences in any class is reported by the faculty member to the Counseling Office. Members of the counseling staff will confer with the student. If the absences are not excusable, the student will be warned, and his parents and faculty adviser will be apprised of the situation. If unwarranted absences continue, the Dean of Academic Affairs may suspend the student from the class or from the College.

## **Attendance at Enrichment Cultural Events**

All students are encouraged to attend programs for cultural and intellectual enrichment offered on the campus. Students who attend a minimum of 20 such events per year may earn one semester hour credit. A schedule of cultural and intellectual events is published weekly.

## **Academic Reports**

Students are graded at mid-semester as well as at the end of each semester. Mid-semester grades serve as progress reports and are not entered on students' permanent records.

## **Student Access to Educational Records**

Elon College complies with the Family Educational Rights and Privacy Act of 1974. This Act is designated to protect the privacy of educational records, to establish the right of students to inspect and review their educational records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with The Family Educational Rights and Privacy Act Office (FERPA) concerning alleged failures by the institution to comply with the Act.

Institutional policy explains in detail the procedures to be used by the institution for compliance with the provisions of the Act. Copies of the policy can be found in the Office of the Registrar.

That office also maintains a Directory of Records which lists all student educational records maintained by this institution.

Questions concerning the Family Educational Rights and Privacy Act may be referred to the Office of the Registrar.

## **Dean's List**

The purpose of the Dean's List is to recognize and encourage excellence in academic work. A student who has no grade below a "B" and a point average of at least 3.33 in a minimum of 12 semester hours in any semester is placed on the Dean's List for the following semester. Classes passed on a Pass/Fail basis are not included in Dean's List eligibility.

## **Absence From Tests and Examinations**

Students who miss scheduled tests and examinations without excusable reasons may not make up such assignments. Authorization to make up tests missed for excusable reasons is obtained from the professor of the class. Authorization to make up final examinations missed for excusable reasons is obtained from the Office of the Dean of Academic Affairs.



## Graduation With Honors

Candidates for graduation with an average of 3.87 or more quality points for each credit hour are graduated *summa cum laude*; those with 3.67 or above, *magna cum laude*; and those with 3.33 or above, *cum laude*. The average for honors is computed on all work attempted in college whether at Elon or another institution.

## Grading System and Quality Points

Graduation is dependent upon quality as well as upon quantity of work done.

A student earns quality points as well as semester hours if his level of performance does not fall below that of "D."

Letter grades are used. They are interpreted in the table below, with the quality points for each hour of credit shown at right.

Grade		Quality Points
A	Superior work	4
B	Work above the average	3
C	Average work	2
D	Work below the average	1
F	An absolute failure	0
I	Incomplete	0
P	Passing (not counted in cumulative average)	0
S	Satisfactory (not counted in cumulative average)	0
U	Unsatisfactory	0
WD	Medical withdrawal	0
WF	Failing at time of withdrawal	0
WP	Passing at time of withdrawal	0
NR	No report	0

The minimum passing grade is "D." A grade of "F" indicates failure.

Grades of "A," "B," "C," "D," and "F" are permanent grades and may not be changed except in case of error. After an instructor has certified a grade to the Registrar, he may change it before the end of the next regular grading period. The change must be made in writing and have the written approval of the department chairman.

An "I" grade signifies incomplete work because of illness, emergency, extreme hardship, or self-paced courses. It is not given for a student missing the final examination unless excused by the Dean of Academic Affairs upon communication from the student. The student receiving a grade of "I" completes all work no later than nine class days after mid-semester grades are due in the following semester. A final grade is submitted to the Registrar by the instructor the following Monday. After this date, the "I" grade automatically changes to "F" unless an extension is granted by the Dean of Academic Affairs.

## Repeat Courses

Courses repeated within four semesters of attendance (excluding winter and summer sessions) following the first enrollment in the course count only once in computing the cumulative grade point average. In such cases the most recent grade is counted rather than any previous grade(s) received.

## Work at Other Institutions

Students who plan to take courses at other institutions during summer sessions or by correspondence must have the prior written permission of the Registrar. He will give such permission for work only in fully accredited institutions. Credit is allowed only for courses of college level which also are allowed toward graduation by the institution conducting the summer school. After completion of such courses, the student presents an official transcript of his record to the Registrar. The maximum credit permitted for correspondence instruction is twelve semester hours.

## Degree Requirements

Elon College offers the following degrees:

Associate in Arts (A.A.)	Secretarial Science
Associate in Science (A.S.)	Medical Laboratory Technician Cytotechnology
Bachelor of Arts (A.B.)	
Biology	Mathematics
Business Education	Music
Chemistry	Philosophy
Economics	Physics
Elementary Education (K-3) & (4-9)	Political Science
English	Public Administration
English-Journalism	Religion
History	Social Science
Human Services	Sociology
Bachelor of Science (B.S.)	Physical Education and Health
Accounting	Physical Education: Community Recreation
Business Administration	Physical Education: Commercial Leisure and Sports Management
Cytotechnology	
Music Education	
Bachelor of Applied Science (B.A.S.) and Bachelor of Applied Arts (B.A.A.)	Radiologic Technology Continuation of A.S. program for Medical Laboratory technicians Cooperative transfer programs offered with community colleges and Vo-tech schools Administration of Justice

Requirements for the Associate degrees are listed following the courses of instruction.

Basic requirements for the bachelor's degree are a minimum of 126 semester hours of credit. For A.B. and B.S. degrees at least 36 semester hours must be junior-senior level work. Each student must have twice as many quality points as credit hours attempted.



There are a number of specific requirements. These are:

Semester  
Hours

1. Satisfactory work in one major subject.
2. Completion of general education distribution as follows:
  - a. Humanities .....24
    - (1) Religion .....6
    - (2) English (Freshman English Composition) .....6
    - (3) Language and Literature (choose from English, French, German, Greek, Spanish) .....6
    - (4) Other Humanities (choose from art, fine arts, music, philosophy, religion) .....6
  - b. Social Sciences .....12  
(choose from at least three of the following: economics, geography, history, political science, psychology, sociology)
  - c. Mathematics and Natural Sciences .....10  
(choose at least one mathematics and one 4 s.h. laboratory science)
  - d. Physical Education ..... 2  
(choose two activities courses)
3. One full academic year of study at Elon (32 semester hours or more), including the last term before graduation.
4. Participation in commencement exercises.

Students who have not had two years of one foreign language in high school must make up this deficiency by taking the first year of a language.\*

Students who have had one year of active duty in military service will receive credit for the Physical Education requirement (or the outstanding balance of this requirement) by bringing a copy of their DD-214 Form to the Registrar's Office for verification. One or two semesters of marching band may be substituted for one or two semesters of Physical Education.

A maximum of 10 semester hours of practicum, internship, and cooperative education may be applied to the 126 semester hours required for the A.B. and B.S. degrees.

Students must apply for graduation by the dates published by the Registrar.

A student has the privilege of graduating under the provisions of the catalog under which he enters, provided that he completes his course of study within five years. After the interval of five years his credits will be subject to review by a faculty committee.

It is the student's responsibility to be familiar with the preceding requirements for graduation.

\*Credit received for this language may be applied toward graduation requirements.

## **The Major**

No later than the beginning of the junior year, each candidate for a bachelor's degree must select a major from one of the following areas:

Accounting, Biology, Business Administration, Business Education, Chemistry, Cytotechnology, Human Services, Economics, Elementary Education, English, English-Journalism, History, Administration of Justice, Mathematics, Philosophy, Physical Education (Teacher Education, Community Recreation, or Commercial Leisure and Sports Managements), Physics, Political Science, Public Administration, Religion, Social Science, and Sociology.

Students in Medical Laboratory Technician, Music, Music Education, and Radiologic Technology should begin their major in their freshman year.

Requirements for each major are listed with the courses of instruction.

More than one major may be elected. An average grade of "C" in the requirements for the major is required for graduation.

All students are encouraged to take 6 semester hours in American history, 6 in European history, and 3 in public speaking. Those who plan graduate work leading to the Ph.D. degree should take both French and German.

## **The Minor**

A candidate for the bachelor's degree may elect a field of minor concentration, consisting of at least 18 semester hours with at least a 2.00 grade point average, provided the department has established a minor field.

# Courses of Instruction



## Courses of Instruction

The departments of instruction are organized into four general divisions. These include areas of learning arranged as follows:

Division of Humanities	Art, Communications, English, Fine Arts, Languages, Music, Philosophy, Religion
Division of Sciences and Mathematics	Biology, Chemistry, Computer Information Science, Cytotechnology, Mathematics, Physics, Medical Laboratory Technician, and Radiologic Technology
Division of Social Sciences	Accounting, Business Administration, Business Education, Human Services, Economics, Geography, History, Administration of Justice, Political Science, Public Administration, and Sociology
Division of Physical Education, Health, and Teacher Education	Education, Health, Physical Education, Recreation, Military Science, and Psychology

Courses numbered 100-199 are on the freshman level, 200-299 on the sophomore level and 300 and above on the junior-senior level.

Continuous courses, which must be pursued to completion for credit toward a degree, are indicated by a hyphen, for example, 111-112. Others are listed with a comma separating the numbers.

## Accounting

*Chairman, Department of Business Administration, Accounting and Business Education:* Associate Professor Marr

*Professor:* Sanders

*Associate Professor:* Council

*Assistant Professors:* Price, Weavil, Wheeler

A major in Accounting requires Accounting 211, 212, 331, 332, plus 9 additional hours from Accounting 336, 441, 451, and 456. Business Adminis-

tration 111, 311, 321, 322, 323, 329 (or Computer Information Science 111), 411, 412 and 426 are required. Additional course requirements are Economics 211, 212, 246, 347, and Mathematics 111 (or demonstrate proficiency), 160, 161 (or calculus sequence). Additional courses in Mathematics are recommended for those students who plan to undertake a fifth year of study in Accounting.

A minor in Accounting requires Accounting 211, 212, 331, 332, and one other upper level accounting course; Business Administration 111.

#### **211, 212. PRINCIPLES OF ACCOUNTING**

**4 semester hours each semester**

To give the student an insight into the various methods used in keeping the records of single proprietorships, partnerships, and corporations. Year-end adjustments, work-sheets, and preparation of financial statements emphasized. Problems, practice sets, and lectures. 3 class hours, 2 laboratory hours. Prerequisite: Business Administration 111 (or corequisite); Accounting 211 required for 212.

#### **331, 332. INTERMEDIATE ACCOUNTING**

**3 semester hours each semester**

Each item of the balance sheet and income statement is analyzed critically. Alternative methods and procedures are evaluated against the background of the latest authoritative pronouncements and the theory that supports them. The statement of changes in financial position is studied. Prerequisites: Accounting 211, 212. Accounting 331 required for 332. Lectures and laboratory.

#### **336. COST ACCOUNTING I**

**3 semester hours**

A study of cost procedures. Materials, labor, overhead; job order and process systems; standard costs. Prerequisites: Accounting 211, 212.

#### **337. COST ACCOUNTING II**

**3 semester hours**

An extensive examination of the uses of cost data by management. Includes managerial techniques and their application to decision making. Prerequisites: Accounting 211, 212, 336, Economics 246.

#### **441. INCOME TAX I**

**3 semester hours**

An introduction to income tax theory and concepts and a study of tax fundamentals and basic rules for the individual, partnership, and corporate taxpayer. Prerequisites: Accounting 211, 212.

#### **442. INCOME TAX II**

**3 semester hours**

A thorough study of capital gains and nontaxable exchanges for the individual and corporate taxpayer. Additional topics include income averaging, minimum tax on preferences and maximum tax on personal service income. Prerequisite: Accounting 441.

#### **451. ADVANCED ACCOUNTING**

**3 semester hours**

Specialized accounting problems: Partnerships; corporate liquidation; consolidated statements; governmental and not-for-profit organizations; estates and trusts. Prerequisite: Accounting 332.

#### **456. AUDITING**

**3 semester hours**

Auditing theory and practice, working papers, financial statements, and professional ethics. Emphasis on auditing standards, statistical compliance testing and substantive testing. Prerequisite: Accounting 332.

#### **471. SEMINAR: SPECIAL TOPICS**

**1-3 semester hours**

Advanced study consisting of reading problems, reports and discussions of current topics. Participation by students, departmental faculty, and other resource persons.

#### **491. INDEPENDENT STUDY**

**1-3 semester hours**

## Administration of Justice

The requirements of the Bachelor of Applied Science degree in the Administration of Justice are as follows: (1) evidence of completion of the technical phase of the law enforcement area concentration from an approved technical institute or community college; (2) completion of general education distribution requirements; (3) completion of the following specific course requirements: Business Administration 323, 329; Public Administration 211, 212, 431; Political Science 231, 232; Philosophy 111, 115; Sociology 111, 231, 313, 344; (4) electives to complete 126 semester hours.

## Art

*Chairman, Department of Fine Arts:*  
*Associate Professor: Daniel*

In studio courses two hours of studio work per week give one semester hour of credit.

A minor in Studio Art requires Art 111, 113, 221, 223, 491 (3 semester hours); plus 6 semester hours selected from Art 103, 104, 211, 212, 213, 214, 311, 312.

**101. METAL ENAMELING I** **3 semester hours**  
 The application of creative design to projects in enameling on metal (copper and silver). 1 hour of lecture and 5 studio hours. Materials fee: \$10.00.

**102. METAL ENAMELING II** **3 semester hours**  
 A continuation of Art 101, which is a prerequisite. Materials fee: \$10.00.

**103. CERAMICS I** **3 semester hours**  
 Techniques in working with clay in the production and firing of pottery. Experience in hand-building and throwing pieces on the potter's wheel. 1 hour of lecture and 5 studio hours. Materials fee: \$10.00.

**104. CERAMICS II** **3 semester hours**  
 A continuation of Art 103, which is a prerequisite. Materials fee: \$10.00.

**111. DESIGN I** **3 semester hours**  
 A basic course in the fundamentals of design with emphasis on two-dimensional media. 1 hour of lecture and 5 studio hours. Materials fee: \$5.00.

**112. DESIGN II** **3 semester hours**  
 A continued study of the fundamentals of design with emphasis on three-dimensional media. 1 hour of lecture and 5 studio hours. Materials fee: \$10.00.

**113. DRAWING** **3 semester hours**  
 Basic course in the fundamentals of drawing and composition using various media. 1 hour of lecture and 5 studio hours.

**211. PAINTING: OILS, ACRYLIC I** **3 semester hours**  
 Experimental studies in the techniques of painting and composition using various media. Prerequisite: Art 111 or 113. 1 hour of lecture and 5 studio hours.

**212. PAINTING: OIL, ACRYLIC II** **3 semester hours**  
 A continuation of Art 211, which is a prerequisite. 1 hour of lecture and 5 studio hours.

**213. PAINTING: WATERCOLOR I** **3 semester hours**  
 Experimental studies in the various techniques of painting with watercolor. Prerequisite: Art 111 or 113. 1 hour of lecture and 5 studio hours.



**214. PAINTING: WATERCOLOR II****3 semester hours**

A continuation of Art 213, which is a prerequisite.

**221. HISTORY OF ART: PRE-HISTORY THROUGH MIDDLE AGES****3 semester hours**

Historical survey of the major visual arts from the era of pre-history through the middle ages. Emphasis is on major artistic styles, their origin and development; major works of art and their creators; correlation of the history of art with important events and developments in other spheres of man's experience.

**223. HISTORY OF ART: RENAISSANCE TO THE PRESENT****3 semester hours**

Historical survey of the major visual arts from the Renaissance to the present. Emphasis is on major artistic styles, their origin and development; major works of art and their creators; correlation of the history of art with important events and developments in other spheres of man's experience.

**261. ART EDUCATION FOR ELEMENTARY GRADES****3 semester hours**

Methods and materials, principles, and fundamentals of art used in the elementary grades. Emphasis is on experience to provide for creative expression in the classroom, centered about the interests of the child, on correlation of art with other subject areas. Students are allowed to explore a wide variety of media for both two- and three-dimensional work. 2 hours of lecture and 1 studio hour. Materials fee: \$5.00.

**311. GRAPHICS I****3 semester hours**

The development of creative ability and technical skill in the graphic media of linoprint, woodcut, intaglio, and lithoprint. Prerequisite: Art 111. 1 hour of lecture and 5 studio hours. Materials fee: \$10.00.

**312. GRAPHICS II****3 semester hours**

A continuation of Art 311, which is a prerequisite. Materials fee: \$10.00.

**491. STUDIO PROBLEMS****1, 2, or 3 semester hours**

Individual study and experimentation. Open to students at all levels, with permission of the Art Department staff only. Maximum total credit: 6 semester hours.

## Biology

*Chairman, Department of Biology and Allied Health:* Associate Professor Ryals

*Professor:* Whittinghill

*Associate Professors:* Morgan, Rao

*Assistant Professors:* Fields, House

A major in Biology requires Biology 111-112, 211, 322, 351, 441, 471-472, and at least 6 additional hours in Biology; Physics 111, 112; Chemistry 111, 112, and 211-212. Biology majors planning to teach in secondary schools must take Biology 111-112, 211, 322, 333, 351, 441, 471-472 plus at least 4 additional hours in Biology; Physics 111, 112; Chemistry 111, 112 and 211-212. The recommended foreign language is either French or German. Students who plan to attend graduate school should take as many additional Biology and Chemistry courses as possible and at least one course of statistics.

A minor in Biology requires Biology 111-112, plus four additional Biology courses approved for major credit. An alternative minor in Biology requires Biology 111-112, plus three of the following: Biology 321, 331, 333, 441.

**101. BASIC CONCEPTS IN BIOLOGY****4 semester hours**

Partially satisfies the general mathematics-science requirements of the College. A concepts approach that integrates basic biological chemistry, bioenergetics, cell structure and function, reproduction, inheritance, evolution and ecology. 3 class hours, 1 laboratory per week. No credit to the student having prior credit for Biology 111. No credit toward the Biology major or minor.

**111-112. GENERAL BIOLOGY****4 semester hours each semester**

Fundamental principles and concepts including structure and function at the cellular and organismal levels. Topics covered are basic chemical and physical laws, energy transformations, heredity, ecological principles and evolution. 3 class hours, 1 laboratory per week. A continuous course which must be completed for credit toward a degree.

**161-162. TOPICS IN MEDICAL ANATOMY AND PHYSIOLOGY****4 semester hours each semester**

An introduction to the structure and function of the human body emphasizing homeostatic and pathological mechanisms. Areas included are: body organization, support and movement, integration and coordination, processing and transporting, and reproduction. Required of Medical Laboratory Technician majors. No credit toward Biology major or minor. Three class hours, one laboratory per week. A continuous course which must be completed for credit toward a degree.

**201. ENVIRONMENTAL CONSERVATION****3 semester hours**

An interdisciplinary study of the interrelationships of man and the environment. Social, economic, ethical, and political aspects of man's impact on environment are studied from a biological perspective. Student participation and research are mandatory. 3 class hours. Prerequisite: sophomore or higher standing. No credit toward the Biology major or minor.

**211. COMPARATIVE VERTEBRATE EMBRYOLOGY****4 semester hours**

The developmental process with emphasis on gametogenesis, differentiation, organogenesis, and morphogenic patterns of development as it occurs in the frog, chick, and a mammal. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112.

**212. COMPARATIVE VERTEBRATE ANATOMY****4 semester hours**

A comprehensive, comparative study of chordate anatomy with emphasis on evolution and morphology of systems. Lower chordates and vertebrates are used in dissection and study. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, 211.

**260. A SURVEY OF THE BIOLOGICAL SCIENCES FOR ELEMENTARY EDUCATION MAJORS****4 semester hours**

A survey of the biological sciences. Laboratory work includes experiments of a basic nature as well as techniques of presenting classroom demonstrations. 3 class hours, 1 laboratory per week. For Elementary Education majors only.

**261-262. HUMAN ANATOMY AND PHYSIOLOGY****3 semester hours each semester**

The structure and function of the human body including the cellular, skeletal, muscular, nervous, endocrine, respiratory, circulatory, metabolic, renal, and reproductive aspects. 3 class hours, 1 laboratory per week. Required of physical education majors. No credit toward Biology major. Prerequisites: Biology 111-112. A continuous course which must be completed for credit toward a degree.

**321. MICROBIOLOGY****4 semester hours**

A general survey of microorganisms with emphasis on bacteria, their cytophysiological characteristics and classification, viruses, microbial diseases and immunity, and the role of microorganisms in human affairs are included. Laboratory work covers staining procedures, selective and differential media, pure culture techniques, and biochemical characterization of bacteria. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 111, 112.

**322. CELLULAR BIOLOGY****4 semester hours**

Ultrastructure of typical eucaryotic and procaryotic cells and the relationship between structure and function of subcellular components. Mechanisms of cellular reproduction, respiration, photosynthesis, and protein synthesis are included. Also discussed are general properties of viruses, control of cellular differentiation, growth and development, and molecular genetics. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 211-212.

**331. INVERTEBRATE ZOOLOGY****4 semester hours**

The taxonomy, morphology, ecology, and life histories of selected types of invertebrate animals. 3 class hours, 1 laboratory per week. Offered alternate years. Prerequisites: Biology 111-112 or Biology 101.

**333. GENERAL BOTANY****4 semester hours**

A survey of the plant kingdom with emphasis on vascular plants. Topics covered are general morphology, anatomy, physiology of metabolism and growth, economic importance, and identification. 3 class hours, 1 laboratory per week. Offered alternate years. Prerequisites: Biology 111-112.

**341. ANIMAL PHYSIOLOGY****4 semester hours**

Emphasizes the functions, regulatory processes and responses occurring in the organ systems of the animal body. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 111, 112.

**342. PLANT PHYSIOLOGY****4 semester hours**

A study of the life processes of plants. Topics include photosynthesis, mineral nutrients, movement of materials, plant growth substances, and senescence. Offered alternate years. 3 lecture hours, 1 laboratory per week. Prerequisites: Biology 111-112; Chemistry 111, 112.

**351. GENERAL ECOLOGY****4 semester hours**

A study of the interrelationships of organisms with their biotic and abiotic environments. Ecological principles at the population, community and ecosystem levels are discussed. Teaching methods will be by lectures, readings, scheduled laboratory and field studies. 3 lecture hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 211, 212.

**391. RESEARCH****1 or 2 semester hours each semester**

Library and laboratory or field research by the individual student under the direction of the departmental faculty. Open to students at all levels. Maximum total credit, 8 semester hours. Prerequisite: permission of the Biology staff.

**441. GENETICS****4 semester hours**

An introduction to the Mendelian and molecular principles of genetics and the applications of these principles to the modern world. 3 class hours, 1 laboratory per week. Prerequisites: Biology 111-112, Chemistry 111-112, or permission of the instructor.

**451. LIMNOLOGY****4 semester hours**

Physical, chemical and biological factors of inland waters and their influence upon aquatic organisms. 3 class hours, 1 laboratory per week. Biology 111-112, Chemistry 111, 112.

**471, 472. SEMINAR****1 semester hour each semester**

Advanced study consisting of reading reports and discussions of subjects in the field of Biology not normally included in other offerings of the department. Enables the student to pursue special areas of interest and to discuss these with fellow students and faculty. For Biology majors or by permission of instructor.

**481. INTERNSHIP****1-2 semester hours each semester****491. INDEPENDENT STUDY****1-3 semester hours**

## Business Administration

*Chairman, Department of Business Administration, Accounting and Business Education:* Associate Professor Marr

*Professors:* Anderson, Feinberg, Sanders, Shotzberger

*Associate Professors:* Toney, J. F. Williams, Baxter

*Assistant Professors:* Price, Weavil, Wheeler

A major in Business Administration requires Business Administration 111, 311, 321, 322, 323, 329 (or Computer Information Science 111), 411, 412, 426; Accounting 111, 212. Additional course requirements are Economics 211, 212, 246, 331, 347 and Mathematics 111 (or demonstrate proficiency), 160, 161 (or calculus sequence). All majors, especially those preparing for graduate study, are encouraged to take additional courses in Accounting and Mathematics.

A minor in Business Administration requires Business Administration 111, 323; Accounting 211, 212; and Economics 211, 212.

**111. APPLIED MATHEMATICS FOR BUSINESS**

**3 semester hours**

Main emphasis is on discounts, simple interest, compound interest and present value concepts. Other topics include problem solving, equations, percent, depreciation, markup, and graphical presentation of data.

**302. BUSINESS COMMUNICATIONS**

**3 semester hours**

Provides instruction and practice in writing business reports, business letters, and other business communications, and a basis for insight into the mechanics of effective writing. Emphasis is placed on clarity, conciseness, and organization in both written and oral expression.

**311. PRINCIPLES OF MARKETING**

**3 semester hours**

The forces involved in the flow of goods from the point of production to the point of consumption, and the channels of distribution. The interest of the consumer; the marketing function; commodity, agricultural and industrial marketing; merchandising considerations; price policies; and governmental regulation of competition. Prerequisites: Economics 211, 212.

**312. MARKETING RESEARCH**

**3 semester hours**

An application of research methods to the marketing functions. Emphasis is placed upon gathering and analyzing market data, and the relationship of research findings to the decision-making process of the firm. Prerequisites: Business Administration 311, Economics 246.

**313. ADVERTISING**

**3 semester hours**

The organization and functions of advertising. Topics include economic and social aspects, planning the campaign, creating the message, media, and measuring the effectiveness of advertising. Prerequisite: Business Administration 311 or permission of instructor.

**316. PRINCIPLES OF RETAILING**

**3 semester hours**

The important procedures underlying successful retail store operation. Major factors studied are consumer demand; modern retail institutions; organization; location; layout and equipment; buying and pricing; receiving, marking, and stock control; merchandising functions; customer services, credit management; personnel relations; and financial control. Prerequisite: Business Administration 311 or permission of instructor.

**321, 322. BUSINESS LAW**

**3 semester hours per semester**

Begins with an intensive study of contracts and advances through the case methods in covering legal principles governing the conduct of business. Agency, partnership, bailments, personal property and sales are covered in the first semester; insurance, negotiable instruments, suretyship and guaranty, labor, carriers and corporations in the second semester. Prerequisites: Economics 211, 212, or permission of instructor.

**323. PRINCIPLES OF MANAGEMENT**

**3 semester hours**

An introduction to the precepts expounded by the classical, the scientific and the behavioral management approaches, with particular emphasis on organization and qualitative decision theory.

**325. PERSONNEL ADMINISTRATION**

**3 semester hours**

A study of the basic personnel practices, objectives, functions, and organization of personnel programs. Topics include job evaluation, selection and placement, testing, promotion, compensation, training, safety and health, and employee relationships. Prerequisite: Business Administration 323.

**329. DATA PROCESSING**

**3 semester hours**

An introduction to systems design and processing of data therein; designed to provide the student with a basic understanding of data processing principles and equipment, and to describe the impact on the organization. Included are planning, hardware, and information system concepts.

**411. MANAGERIAL FINANCE**

**3 semester hours**

Principles of finance applied to corporate management. Ratio analysis, financial forecasting, working capital management, capital budgeting, capital structure, and financial structure are principal components. Money and capital market procedures and instruments are also given emphasis. Prerequisites: Accounting 211, 212, Economics 211, 212, 246.

**412. OPERATIONS RESEARCH**

**3 semester hours**

The application of the scientific method and quantitative techniques to the analysis and solution of managerial decision problems. Focus is on system's approach with reliance on mathematical models and methods and knowledge from several disciplines. Prerequisites: Economics 347 and Senior status.

**416. FUNDAMENTALS OF INSURANCE**

**3 semester hours**

The basic principles underlying insurance contracts and the scope of coverage under the several divisions of insurance including life, fire, casualty, marine, bonds, and automobile insurance. The subject is covered from the viewpoints of personal, business, social, and special group needs. The newer forms of coverage are given special attention.

**421. INVESTMENT PRINCIPLES**

**3 semester hours**

Designed to enable investors to manage a fund according to a predetermined objective. Emphasis on the factors of safety, income, and marketability; diversification and vigilance; the bases of analysis of company management and industry trends to determine the present and prospective values of securities; and the kinds of investment opportunities available to investors. Prerequisites: Accounting 211, 212, Economics 211, 212.

**422. BUSINESS AND SOCIETY**

**3 semester hours**

Relationship of the organization to its social and legal environment; interaction of firms, customers, and agencies of the federal, state, and local governments; environmental effects on individuals and the general economy; the firm as a citizen.

**423. BUSINESS POLICY**

**3 semester hours**

A business capstone course intended to integrate the student's background, experiences, and previous business core and major business curriculum through case studies and business decision simulation exercises; development of an effective conceptual approach to integrating administrative policy, strategies, and decision making; diagnosis, analysis, and solution of interrelated administrative problems.

**426. PRODUCTION AND OPERATIONS MANAGEMENT**

**3 semester hours**

Principles of management applied to production systems. Main emphasis is given to: production capacity planning; job design; standards and work measurement; scheduling; quality control; and inventory management. Prerequisites: Business Administration 323, Economics 211, 212, 246.

**471. SEMINAR: SPECIAL TOPICS**

**1-3 semester hours**

Advanced study consisting of readings, reports, and discussions of special topics. Participation by students, faculty, and other resource persons.

**491. INDEPENDENT STUDY**

**1-3 semester hours**

## **Business Education**

*Chairman, Department of Business Administration, Accounting and Business Education: Associate Professor Marr*

*Associate Professors: Council, Longest*

*Assistant Professors: Price, Weavil*



A four-year major in Business Education requires Business Education 113, 114, 115, 118, 119, 130, 133, 312, 313; Business Administration 111, 311, 321, 323, 325, 329 (or Computer Information Science 111); Accounting 211, 212; Economics 211, 212; Communications 210; and Psychology 211. In addition, the student will choose an area of concentration which reflects individual interests. The options available include:

1. General Secretarial.
2. Accounting which has additional requirements of Accounting 331, 332, plus either Accounting 336 or 441.
3. Management which has additional requirements of Business Administration 411, Accounting 336, and Economics 311.
4. Teacher Education and Business Office Education. A teacher trainee in this major must take 22 semester hours in Education in accordance with the Department of Education requirements. Students desiring to be certified in Business Office Education should check the current state requirements with their adviser. Students desiring certification in Basic Business may substitute accounting and business courses for shorthand courses with approval of the departmental faculty and the Dean of Academic Affairs.

A minor in Business Education requires Business 113 and 114, or 114 and 115, or 115 and 312; 118 and 119, or 119 and 313; 121; 130; 133; Business Administration 323.

The requirements for one- and two-year Secretarial Science Programs are listed following the courses of instruction.

#### **113, 114. ELEMENTARY SHORTHAND**

**3 semester hours each semester**

Planned for the development of an understanding of the fundamental principles of Gregg Shorthand with emphasis on reading ability and vocabulary. Designed to develop speed in taking dictation and accuracy in transcription with as much speed as practicable to produce a mailable letter. 5 class hours per week.

#### **115. INTERMEDIATE SHORTHAND**

**3 semester hours**

A review of fundamental principles, with concentration on improving techniques of taking dictation and transcribing copy. 4 or 5 hours per week.

#### **117. ELEMENTS OF BUSINESS**

**3 semester hours**

A survey of modern business functions designed to give students a working familiarity with modern business concepts, terminology and practices.

#### **118. ELEMENTARY TYPEWRITING**

**2 semester hours**

Designed to develop the basic skills in the operation of a typewriter. Typing of letters, tabulations, office forms, manuscripts. Drill for speed and accuracy. 5 class hours per week.

#### **119. INTERMEDIATE TYPEWRITING**

**2 semester hours**

Designed to help the student perfect skills and learn new techniques applicable to representative office typewriting problems. 4 or 5 class hours per week.

#### **121. BUSINESS ENGLISH ESSENTIALS**

**3 semester hours**

An intensive review of the fundamental principles of grammar, parts of speech, and usage. Study and practical application include styles of expressing numbers and using punctuation, capitalization, and abbreviations. Vocabulary expansion and refinement are stressed through analysis and construction of various sentence types and patterns.

#### **130. OFFICE MACHINES**

**1 semester hour**

To develop competencies in operating office machines. Includes instruction on ten-key and full keyboard adding machines, electronic and rotary calculators, transcribing and duplicating equipment. 3 laboratory hours per week. Prerequisites: Business Education 118 or equivalent; Business Administration 111.

**133. SECRETARIAL PROCEDURES****3 semester hours**

Designed to enable the student to understand and apply the techniques and procedures related to office operations. Emphasis on the development of decision-making abilities necessary for successful operational and managerial competencies. 3 class hours. Prerequisite: Business Education 118 or equivalent.

**312. ADVANCED DICTATION AND TRANSCRIPTION****3 semester hours**

Emphasis on the development and maintenance of skills used in recording speech at the expert level. Timed and office-style dictation based on the terminology of selected professions with emphasis on mailable transcripts. 3 class hours. Prerequisite: Business Education 115.

**313. ADVANCED TYPEWRITING****2 semester hours**

Projects and problems to develop knowledge and skills for typewriting in business applications. 3 class hours. Prerequisite: Business Education 119.

**471. SEMINAR: SPECIAL TOPICS****3 semester hours**

Advanced study consisting of readings, reports, and discussions of special topics or specialized programs such as supervised cooperative work experience coordinated with seminar discussions.

## Chemistry

*Chairman, Department of Physical Sciences:* Associate Professor Mullen  
*Professors:* Danielely, P. Cheek  
*Part-time Assistant Professor:* R. Cheek

A major in Chemistry requires Chemistry 111, 112, 211-212, 311, 312, 411; Mathematics 111, 121; and Physics 111-112. Two years of German are recommended.

A minor in Chemistry requires Chemistry 111, 112, and twelve semester hours of Chemistry above the 100 level.

**101. BASIC CONCEPTS IN CHEMISTRY****4 semester hours**

A course designed to meet partially the general mathematics-science requirement of the College. Atomic structure, radiochemistry, chemical changes, descriptive chemistry of selected elements, organic chemistry. Lecture and recitation, three hours. No credit given to students having prior credit for Chemistry 111. No credit toward the Chemistry major or minor.

**103. BASIC CONCEPTS IN GEOLOGY****4 semester hours**

A topics approach which includes the nature and origin of rocks and minerals; origins of mountains; soil development; evolution of the landscape. 3 class hours, 3 laboratory hours. No credit toward the Chemistry major or minor.

**110. INTRODUCTION TO CHEMISTRY****3 semester hours**

Designed to provide the basic knowledge and skills which the student will need in Chemistry 111, 112. Recommended for students with little or no high school preparation in chemistry or meager background in mathematics. No credit given to students having prior credit for Chemistry 111 or 101. No credit toward Chemistry major or minor.

**111, 112. GENERAL CHEMISTRY****4 semester hours each semester**

Fundamental principles of inorganic, physical, and experimental chemistry. Atomic structure as it is related to the classification of the elements and the nature of their compounds. The more common elements and compounds are considered, and organic chemistry is studied briefly. Prerequisite to higher level courses in chemistry. 3 class hours, 3 laboratory hours.

**201. CHEMISTRY AND SOCIETY****3 semester hours**

A study of energy demands and supplies, the "energy crisis," alternate energy sources, and the environmental issues involved. Prerequisite: Chemistry 101 or 111 or permission of instructor.

**211-212. ORGANIC CHEMISTRY****4 semester hours each semester**

Chemistry of the compounds of carbon. Aliphatic, aromatic, alicyclic, and heterocyclic compounds are studied as to importance, methods of preparation, electronic structure, chemical and

physical properties, and industrial and medicinal use. Laboratory work consists of preparation, purification, properties, and qualitative identification of typical compounds. 3 class hours, 3 laboratory hours. A continuous course which must be completed for credit toward a degree.

**260. A SURVEY OF THE PHYSICAL SCIENCES  
FOR ELEMENTARY EDUCATION MAJORS**

**4 semester hours**

A survey of the physical sciences. Laboratory work includes experiments of a basic nature as well as techniques of presenting classroom demonstrations. 3 class hours, 3 laboratory hours. For Elementary Education majors only. No credit toward the Chemistry major or minor. (Chemistry 260 is the same as Physics 260.)

**311. QUANTITATIVE ANALYSIS I**

**4 semester hours**

Theory and techniques of volumetric and gravimetric procedures. 2 class hours, 4 laboratory hours.

**312. QUANTITATIVE ANALYSIS II**

**4 semester hours**

Further quantitative work, with emphasis on optical, electrical, chromatographic techniques. 2 class hours, 4 laboratory hours.

**391. INDEPENDENT STUDY**

**1-2 semester hours**

Library and/or laboratory study by the individual student. Open to students at all levels. Prerequisite: permission of the Chemistry staff. Maximum credit, 8 semester hours.

**411. INTRODUCTORY PHYSICAL CHEMISTRY**

**4 semester hours**

Topics in thermodynamics, kinetics, colligative properties of solutions, and colloids. 3 class hours, 3 laboratory hours.

**471. SEMINAR: SPECIAL TOPICS**

**1-3 semester hours**

Advanced topics to meet the needs and interests of the students. Admission by permission of the department.

## Commercial Leisure and Sports Management

The Commercial Leisure and Sports Management program is listed under Physical Education and Health.

## Communications

*Chairman, Department of Literature, Languages and Communications:*  
Associate Professor Bland

*Professor:* Priestley

*Assistant Professors:* Anyal, Ponder, Nowell

*Instructor:* Gibson

A major in English-Journalism requires English 111, 112, 221 or 222, 231 or 232, 242 or 243, 351, plus 9 semester hours of English courses at the 300-400 level. Additional requirements are Communications 210, 225, 226, 245, 325, 345, 420, plus 12 semester hours of Communications courses at the 300-400 level.

A minor in Communications with a concentration in Journalism requires Communications 210, 225, 325, English 351, plus three courses (9 hours) selected from Communications 226, 245, 310, 371, 381, 420, 426, 450, and 491.

A minor in Communications with a concentration in Radio Broadcasting requires Communications 210, 225, 245, 345, plus three courses (9 hours) selected from Communications 310, 325, 362, 371, 381, 450, and 491.

**101. PARLIAMENTARY PROCEDURE**

**1 semester hour**

A study of the rules which govern the proceedings of the deliberative assemblies, correlated with practice in the use of these rules. Emphasis on the practical application of parliamentary procedure in the conduct of meetings.

**210. PUBLIC SPEAKING****3 semester hours**

The fundamentals of public speaking; principles, actual practice, and constructive criticism. Prerequisites: English 111, 112.

**225. REPORTING AND NEWS WRITING****3 semester hours**

A study of news gathering and writing with practical experience to enable the students to cover news events, gather facts, and write news articles. Each student will contribute articles to *The Pendulum*, the college weekly newspaper. Students in journalism should demonstrate proficiency in typing, spelling and grammar. Prerequisites: English 111, 112 or permission of instructor.

**226. FEATURE WRITING FOR NEWSPAPERS AND MAGAZINES****3 semester hours**

A practical course in the preparation, writing, editing and marketing of magazine and newspaper feature articles. Prerequisite: English 111.

**228. PHOTOJOURNALISM****3 semester hours**

A study and practical application of news photography, feature pictures and photo-feature pages in newspapers with work on camera techniques and darkroom procedures as needed. Prerequisite: Physics 103 or permission of instructor.

**245. RADIO BROADCASTING****3 semester hours**

An introduction to broadcasting, including the history, regulation, ethics, physics, and capabilities of radio as a mass medium. Coursework includes scripting, newswriting, announcing, interviewing, and production techniques. Students are encouraged to become involved with the campus radio station. Prerequisites: English 111, 112 or permission of instructor.

**260. ORAL INTERPRETATION OF LITERATURE****3 semester hours**

The critical analysis and oral presentation of prose, poetry and drama. Emphasis on oral reading techniques necessary for communicating the author's meaning to an audience. Prerequisites: English 111, 112.

**271. SPECIAL TOPICS****1-3 semester hours****310. ARGUMENTATION AND PERSUASION****3 semester hours**

Analysis of issues in current problems; use of evidence, reasoning and refutation in oral argumentation/persuasion. Special attention given to practical application in teaching, business and community meetings. Prerequisites: English 111, 112 and Communications 210.

**325. NEWS EDITING AND LAYOUT****3 semester hours**

A study of copyediting of news. Students will continue to work as reporters but in addition will proofread, edit, and lay out copy for *The Pendulum* and other publications. Prerequisite: Communications 225.

**345. BROADCAST JOURNALISM****3 semester hours**

A critical approach to the gathering, reporting, and production of television and radio news. Students will discuss and evaluate news, commentary, and sports features. Each student will create and produce a series of documentary programs. Prerequisite: Communications 245.

**360. INTRODUCTION TO THEATER****3 semester hours**

An exploration of the theater as a dynamic art form and an introduction to how the actor, director, and designer work together to create a play. Outstanding plays of major periods will be used to demonstrate technical and aesthetic problems in theater production. Prerequisites: English 111, 112.

**361. THEATER WORKSHOP****3 semester hours**

A continuation of Communications 360 with emphasis on student direction and production of scenes and short plays for studio and public performance. Course will include an exposure to reader's theater, improvisation, mime, and oral interpretation. Problems in acting, directing, staging, lighting, costuming, and other stage crafts will be covered in the course. Prerequisites: English 111, 112.

**362. A STUDY OF FILMS****3 semester hours**

(Same course as English 362. See English 362 for description.)

**371. SEMINAR: SPECIAL TOPICS****1-3 semester hours**

Specialized study of topics or themes in communications. Examples are voice and diction, radio theater, reviewing of the fine arts, and magazine journalism.

**381. PRACTICUM IN COMMUNICATIONS****1-3 semester hours**

Work experiences at an advanced level in some aspect of broadcasting or journalism, offered on an individual basis when suitable opportunities can be arranged. On or off campus.

**420. JOURNALISM HISTORY, LAW AND ETHICS****3 semester hours**

A survey of the history of journalism, primarily in the United States, to the present with attention to freedom of speech, the press, laws and ethics affecting the print media, radio and television. Prerequisites: Communications 225, 245.

**426. ADVANCED EDITING AND EDITORIAL WRITING****3 semester hours**

Emphasis on editing copy for newspapers and magazines, writing headlines, and writing editorials for dailies and weeklies. Prerequisites: Communications 225, 325, and English 250 (or equivalent test on grammar), and proficiency in typing.

**450. CRITICISM OF BOOKS, PLAYS, FILMS, AND TELEVISION****3 semester hours**

Theories, methods, and practice of criticism as applied to current books, plays, films, and television. Prerequisites: English 111, 112.

**491. INDEPENDENT STUDY****1-3 semester hours**

## Computer Information Science

*Chairman, Department of Mathematics and Computer Information Science:* Associate Professor Francis

*Associate Professors:* Alexander, Haworth

*Assistant Professor:* Parks

A minor in Computer Information Science requires Computer Information Science 111, 221, 231, and 6 semester hours of Computer Information Science electives; and Mathematics 265 or Economics 246.

**101. COMPUTER CONCEPTS****1 semester hour**

A computer awareness course intended to inform students of current trends in the computer information science field and to provide them interactive experience on the college computing system. No credit is given to students who have previously completed another Computer Information Science course.

**111. INTRODUCTION TO COMPUTERS AND DATA PROCESSING****3 semester hours**

An introduction to basic computer concepts: terminology, history, organization, hardware, and software. Elementary concepts of systems analysis and design; program design and flowcharting. The student will study procedures for interactive program execution utilizing BASIC computer language. A general course intended for any students interested in gaining some knowledge of computers, data processing and programming.

**221. BUSINESS PROGRAMMING****3 semester hours**

An introductory course on the use of computers in business applications utilizing COBOL programming language. File processing and updating, sorting and merging, reporting, input/output techniques. Elements of structured programming, and modular design techniques. Prerequisite: Computer Information Science 111 and Mathematics 111 or competency in each area.

**231. INTRODUCTION TO COMPUTER SCIENCE****3 semester hours**

A second course involving advanced programming techniques in BASIC language. Simple computer organization and SAMOS assembly language. Structured programming methodology, algorithm construction using flowcharts and a pseudo-language. Prerequisites: Computer Information Science 111 and Mathematics 111 or competency in each area.



**321. SYSTEMS ANALYSIS AND DESIGN****3 semester hours**

A formal approach in computer systems analysis, design, and development. A structured life-cycle approach will be used. An integral part of the course is the involvement of students working in teams to produce specifications and detailed written reports of computer-oriented systems projects. Prerequisites: Computer Information Science 221 and 231.

**331. DATA STRUCTURES AND ALGORITHM ANALYSIS****3 semester hours**

An in-depth study of data structures and their manipulation: stacks, queues, lists, linked lists, and trees. Basic techniques of design and analysis of efficient algorithms in sorting/merging/searching. Integration of data structures and their manipulation into a simple database or file management system using BASIC language. Prerequisite: Computer Information Science 231.

**421. MANAGEMENT INFORMATION SYSTEMS****3 semester hours**

An indepth study of management-oriented information systems: theory and practice. Study of information system impact on organizations and personal life in a computer-oriented society. An integral part of the course is the involvement of students — reading current journals and reporting in class. Prerequisite: Computer Information Science 321.

**431. COMPUTER ORGANIZATION****3 semester hours**

Computer architecture, internal representation of data, boolean algebra, computer arithmetic, and addressing techniques. Machine language and assembly language programming. Prerequisite: Computer Information Science 331.

**471. SEMINAR: SPECIAL TOPICS****3 semester hours**

Advanced study consisting of readings, reports, projects, and discussions of contemporary problems and issues of computer information science. Prerequisite: Computer Information Science 421 or 431 or permission of instructor.

**491. INDEPENDENT STUDY****1-3 semester hours**

## Cooperative Education

*Director, Cooperative Education and Internships:* Assistant Professor Wagoner

The Cooperative Education Program (Co-op) is designed to enable qualified Elon students in selected curricula to combine classroom theory with professional work experience while completing their degrees. The practical application of knowledge and skills learned in the classroom in a related work environment provides students with a broad-based education.

A Co-op student may work either two terms in a full-time job or for a maximum of six terms in a part-time job with an employer selected and/or approved by the college. The student is contacted periodically each term by the co-op faculty coordinator in addition to receiving the employer's supervision.

Credit hours for co-op periods are based on the average number of hours worked per week during the term. Semester credit hours for a part-time or 'Parallel' co-op experience vary from one to four, and a full-time experience awards five credits. A student may earn a maximum of ten semester hours of co-op work experience (and/or internship experience) credit towards degree requirements.

Any students who are enrolled in curricula offering the Cooperative Education Program and have completed a minimum of 50 semester hours are eligible to enter provided they meet the following requirements:

1. have Co-op faculty coordinator's recommendation
2. have a minimum 2.50 GPA
3. complete the classroom course COE-210 — Introduction to Cooperative Education — either prior to or during first work term.

#### 4. have approval from Co-op Director

Interested students are encouraged to contact the Co-op Office for more information.

#### **210. INTRODUCTION TO COOPERATIVE EDUCATION**

**1 semester hour**

A study of cooperative work experience education. All phases of the program are reviewed with particular attention devoted to preparing the student for entry into the world of work. The individual process of career decision making and methods of securing and retaining a job are emphasized.

#### **381-386. PARALLEL CO-OP EXPERIENCE**

**1-4 semester hours**

This series of courses provides the student with *part-time* work experience. The student learns by applying classroom/lab theory and skills in a job related to the degree major and/or career objectives. Prerequisite: Full admission to the Co-op Program.

#### **388. CO-OP WORK EXPERIENCE I**

**5 semester hours**

This course provides the student with a *full-time* work experience for a minimum of fourteen weeks. The student learns by working in a position related to the degree major and/or career objective. Prerequisite: Full admission to the Co-op Program.

#### **389. CO-OP WORK EXPERIENCE II**

**5 semester hours**

This course provides the student with the second *full-time* work experience. The student's job responsibilities are advanced during this period. Prerequisite: Cooperative Education 388.

## **Cytotechnology**

*Chairman, Department of Biology and Allied Health:* Associate Professor Ryals

*Medical Director:* Adjunct Associate Professor Weingarten

*Educational Coordinator:* Flinchum

Elon College offers Bachelor of Science and Associate in Science Programs in Cytotechnology in cooperation with Biomedical Reference Laboratories, Inc., of Burlington. The Cytotechnology Program is designed to meet the needs of students preparing for positions as Cytotechnologists in hospitals, clinics, commercial laboratories, and private physicians' laboratories. The work of the senior year (12 months) is given primarily at Biomedical Laboratories. Upon successful completion of the four-year curriculum, the student is granted the Bachelor of Science in Cytotechnology.

The requirements for the Bachelor of Science degree are as follows: Cytotechnology 411, 412, 421, 422, 423, 424, 425, 426, 427, 428, 471; Biology 111-112, 211, 212, 322, 341; Chemistry 111, 112, 211-212; and Physics 111-112.

In some instances, when vacancies exist, a student may be admitted to the cytotechnology courses at Biomedical Laboratories after completing two academic years with a minimum of 64 semester hours specified in the pre-cytotechnology program. These requirements are as follows: Biology 111-112, 211, 212; Chemistry 111, 112, 211-212; English 111, 112 plus 6 semester hours chosen from English and/or Foreign Language; Mathematics 112 (or higher than 160); 6 semester hours of Religion; 3 semester hours of social sciences; 6 semester hours chosen from the "other" humanities; and 2 semester hours in Physical Education activity courses. Students successfully completing the first two years of the academic curriculum plus the 12 month cytotechnology program may elect to receive the Associate in Science degree.

Successful completion of the academic program does not automatically assure admission to the clinical studies since class size at Biomedical Labora-

tories is limited. Admission is selective with priority given to Bachelor of Science degree candidates.

Students successfully completing the program are eligible to take the registry examination administered by the American Society of Clinical Pathologists (ASCP).

Transfer students who have successfully completed an approved pre-cytotechnology program may enter directly into the Cytotechnology courses at Elon College.

#### **411. ELEMENTARY CYTOLOGY**

**3 semester hours**

General fundamentals of cell structure and embryology as related to the field of cytology. Includes orientation to the field of cytology and the role of the cytotechnologist in health care delivery. Lectures and laboratory.

#### **412. CLINICAL MICROSCOPY**

**1 semester hour**

The care and use of the light microscope. Lectures and laboratory.

#### **421. CYTOLOGY AND PATHOLOGY OF THE FEMALE GENITAL SYSTEM**

**6 semester hours**

Cytology of the female genital tract in health and disease. The study of cells in normal, benign, and malignant stages of development. Prerequisites: Cytotechnology 411, 412. Lectures and laboratory.

#### **422. CYTOLOGY AND PATHOLOGY OF THE RESPIRATORY SYSTEM**

**3 semester hours**

Cytology of the respiratory system in health and disease. Study of the cell in normal conditions, in benign and malignant pathological conditions. Prerequisites: Cytotechnology 411, 412. Lectures and laboratory.

#### **423. CYTOLOGY AND PATHOLOGY OF THE BODY CAVITY FLUIDS**

**3 semester hours**

Cytology of the pericardial, pleural, and abdominal cavities and cerebral spinal fluid. Prerequisites: Cytotechnology 411, 412. Lectures and laboratory.

#### **424. CYTOLOGY AND PATHOLOGY OF THE URINARY TRACT AND MALE GENITAL SYSTEM**

**3 semester hours**

Study of the normal, benign, and malignant cell changes as they occur in health and disease of the urinary tract and male genital system. Prerequisites: Cytotechnology 411, 412. Lectures and laboratory.

#### **425. CYTOLOGY AND PATHOLOGY OF THE ALIMENTARY TRACT**

**3 semester hours**

Study of the cytology of the alimentary canal in health and disease. Prerequisites: Cytotechnology 411, 412. Lectures and laboratory.

#### **426. CYTOLOGY AND PATHOLOGY OF THE BREAST**

**3 semester hours**

Cytology of breast secretion and aspirates. Cell changes resulting from benign diseases and malignant tumors. Prerequisites: Cytotechnology 411, 412. Lectures and laboratory.

#### **427. SPECIAL METHODS IN CYTOLOGY**

**2 semester hours**

Endometrial sampling techniques and aspiration biopsy cytology. Prerequisites: All lower numbered Cytology courses. Lectures and laboratory.

#### **428. CYTOPREPARATORY TECHNIQUES AND RECORD KEEPING**

**2 semester hours**

Routine methods in cytology including specimen processing, staining, and record keeping. Lectures and laboratory.

#### **471. SEMINAR**

**2 semester hours**

Literature search and presentations of individual student projects.

## Economics

*Chairman:* Professor Anderson

*Professors:* Feinberg, Sholtzberger

*Associate Professors:* Toney, J. F. Williams

A major in Economics requires Economics 211, 212, 246, 311, 321, 331, 347, 411, 413, and 6 semester hours of economics electives on the junior-senior level. (Accounting 336 may be substituted for 3 elective hours in economics.) Additional course requirements are: Mathematics 111, 160 (or higher than 111); Accounting 211, 212; and Business Administration 412. Recommended electives include Business Administration 111, 329, 426; Philosophy 113; Mathematics 121.

A minor in Economics requires Economics 211, 212, 311, 413, and 6 semester hours of economics electives.

### **211, 212. PRINCIPLES OF ECONOMICS**

**3 semester hours each semester**

National accounts, employment, fluctuations, money and banking, economic stabilization. Price theory, market structures, distribution theory, international trade.

### **246. STATISTICS FOR MANAGEMENT DECISIONS**

**3 semester hours**

Collection, presentation, analysis and interpretation of statistical data. Descriptive tools for frequency distributions, central tendency and dispersion. Sampling theory and sampling distributions. Techniques for statistical inference include estimation and hypothesis testing for one and two samples, quality control, and linear regression, method of least squares. Use of computer for applied problems. One hour laboratory per week required. Prerequisites: Mathematics 111, 160.

### **311. INTERMEDIATE ECONOMIC THEORY**

**3 semester hours**

Intermediate price theory, market structure, and distribution theory. Prerequisites: Economics 211, 212.

### **312. COMPARATIVE ECONOMIC SYSTEMS**

**3 semester hours**

Study of capitalism, Marxian theory, and theoretical socialism. Included is an in-depth analysis of British Socialism and the economy of the Soviet Union. Prerequisites: Economics 211, 212. Offered alternate years.

### **313. LABOR ECONOMICS**

**3 semester hours**

Study of the historical development, structure, government, and specific problems of the trade union movement. Emphasis is placed on collective bargaining, the economics of the labor market, minimum wages, maximum hours, and governmental security programs and labor law. Prerequisites: Economics 211, 212. Winter term only.

### **321. MANAGERIAL ECONOMICS**

**3 semester hours**

Elementary quantitative tools applied to the theory of the firm and consumer theory settings, including optimization, utility theory, demand and costs, and market structures. Prerequisites: Economics 211, 212; Mathematics 111, 160.

### **331. MONEY AND BANKING**

**3 semester hours**

Study of history, structure, functions, and operations of our commercial and central banking system. Emphasis is placed on monetary theory, monetary policy, and the mechanism of international payments. Prerequisites: Economics 211, 212.

### **332. PUBLIC FINANCE**

**3 semester hours**

A positive and normative approach to the role of government in the economy. Public expenditures are discussed in light of pure theory, the theory of social choice, and practical application. The approach to taxation involves theory, resource allocation, income distribution, and analysis of various forms of taxation. Taxation and expenditure are coordinated through public goods theory and fiscal federalism. Prerequisites: Economics 211, 212.

**347. STATISTICAL ANALYSIS****3 semester hours**

Applications of statistical techniques of analysis of variance and covariance, chi-square, simple and multiple correlation and regression, interpretation of standard designs used in scientific research; Non-parametric Tests; Index Numbers and Time Series Analysis, Decision Theory. Use of computer for applied problems. One hour laboratory per week required. Prerequisite: Economics 246.

**411. DEVELOPMENT OF ECONOMIC THOUGHT****3 semester hours**

Development of economic thought from antiquity to the present. Identification of various schools of economic thought and critical evaluation of content. Prerequisites: Economics 211, 212. Offered alternate years.

**412. INTERNATIONAL TRADE AND FINANCE****3 semester hours**

A study of fundamental principles of international economic relations. Subjects include: the economic basis for international specialization and trade; economic gains from trade; balance of international payments; problems of international finance; and international investments. Prerequisites: Economics 211, 212.

**413. INTERMEDIATE MACROECONOMIC THEORY****3 semester hours**

National income accounting, business cycles, economic growth, forecasting, and economic stabilization. Prerequisites: Economics 211, 212. Offered alternate years.

**471. SEMINAR: SPECIAL TOPICS****3 semester hours****491. INDEPENDENT STUDY****1-3 semester hours**

## Education

*Chairman, Department of Education and Psychology:* Assistant Professor P. Williams

*Associate Professors:* Simon, J. W. Williams

*Assistant Professors:* Harper, Maness

The student planning to teach in North Carolina can fulfill the professional requirements by taking the education and psychology courses prescribed below. The student planning to teach in a state other than North Carolina should obtain a copy of the certification requirements for a public school teacher from the State Superintendent of Education in the state in which he plans to teach if the state does not have a reciprocity agreement with North Carolina.

Before being accepted into the teacher education program, the student must be approved by the faculty committee on teacher education; he is required to have and maintain at least a 2.10 average. In all cases approval is subject to the discretion of the faculty committee, which bases its decisions upon a consideration of such factors as the above and the following: the student must have satisfactory command of the English language (written and oral), and must be mentally, physically, morally, and emotionally acceptable for teaching. Application forms for the teacher education program are available in the office of the chairman of the teacher education committee and must be filed by November 1 or April 1 of the semester immediately prior to the beginning of the student's junior year.

To be approved for student teaching, a student must have at least a 2.20 grade point average.

Upon completion of quantitative requirements a student must have a 2.20 cumulative average in order to be recommended for teacher certification to the North Carolina Department of Public Instruction.



All candidates for secondary school and special subject certification must have at least one course in a laboratory science, at least one course in Mathematics, and a course in the teaching of reading at the secondary level. Candidates for elementary school certification must take Mathematics 261 and 262, Biology 260 and Chemistry 260 (or Physics 260).

The normal sequence of professional education courses to be taken by the student approved for teacher training is as follows:

### **Elementary School**

Second year: Psychology 211 and Education 211.

Third year: Psychology 321, Education 321, and Math 261.

Fourth year: Psychology 331, and Math 262.

Fourth year (during student teaching semester): Education 311, Education 473, and Education 481.

### **Secondary School**

Second year: same as above.

Third year: Psychology 321, Education 211 (if the course was not taken during the second year), and Education 322.

Fourth year (during fall semester): Education 472 (subject area).

Fourth year (during student teaching semester): Psychology 341, Education 311, Education 471, and Education 481.

### **Requirements for an Elementary Education Major**

A major in Elementary Education consists of courses necessary to meet requirements for Early Childhood or Intermediate certification in the public schools of North Carolina.

Those students seeking certification in the Intermediate grades (4 through 9) are required to have two subject area concentrations. These areas are Social Studies and one of the following: English, Math/Science, Mathematics, Music, Physical Education.

Required courses common to both Intermediate and Early Childhood certification programs include the following: Art 261, Biology 260 and Chemistry 260 (or Physics 260); Economics 211; Fine Arts 211; English 111, 112, 221 or 222, 231 or 232, 301; Geography 121, 131; History 211, 212; Mathematics 261, 262; Physical Education 360 or 361; Political Science 231; Sociology 111, 112; Psychology 211, 321, 331; and Education 211, 311, 321, 473, 481.

#### **211. INTRODUCTION TO EDUCATION**

**3 semester hours**

A study of teaching as a profession; public school organization and administration; curriculum; financial support; co-curricular activities; accreditation and teacher certification; teacher's role in public relations.

#### **281. PRACTICUM PRIOR TO STUDENT TEACHING**

**1 or 3 semester hours**

Designed for sophomore and juniors as a pre-student teaching field experience. Students will work full day as teacher aides in the local school system. One semester hour credit for Business Education majors, others, 3 semester hours. Winter term only.

#### **311. FOUNDATIONS OF EDUCATION**

**3 semester hours**

The historical development and philosophical bases of public education in America; the school's role and influence in society; the teacher's role as it has emerged from the philosophies, practices, and policies of public education. Prerequisite: Education 211.

#### **321. READING IN THE LOWER GRADES**

**3 semester hours**

A study of the fundamental processes by which a child learns to read, with attention to readiness factors, vocabulary development, word attack, and comprehension skills. Required of all students seeking early childhood and intermediate certification. Public school classroom observation required. Prerequisite: Junior or Senior status.

**322. READING IN THE UPPER GRADES****3 semester hours**

A study of the reading process and reading problems of students above the primary level. Study includes the reading process, diagnosis of reading difficulties, remedial techniques, standardized tests, vocabulary building. Required of all students seeking secondary and special subject certification. Public school classroom observation required. Prerequisite: Junior or Senior status.

**471. MATERIALS AND METHODS OF HIGH SCHOOL TEACHING****2 semester hours**

Study of the general methods, techniques and practices applied in the secondary school. Open only to seniors and scheduled in conjunction with student teaching. Taught in conjunction with Education 472, the course in materials and methods of each subject-matter concentration listed below. Required of all students seeking secondary and special subject certification.

**472a. MATERIALS AND METHODS OF TEACHING  
HIGH SCHOOL BUSINESS EDUCATION****2 semester hours**

Training in teaching business subjects offered in the high school program; emphasis on methods of evaluating student performance, on the professional development of the business education teacher, and on materials used in the teaching of basic business. Winter term only.

**472b. MATERIALS AND METHODS OF TEACHING  
HIGH SCHOOL ENGLISH****3 semester hours**

A study of the content and organization of the English curriculum; emphasis upon the methods and materials used in teaching reading, literature, grammar, oral and written expression. Public school classroom observation required. Fall semester only, prior to student teaching in Spring semester.

**472d. MATERIALS AND METHODS OF TEACHING  
HIGH SCHOOL MATHEMATICS****3 semester hours**

A study of the objectives and content of the mathematics curriculum, and the materials, techniques, tests and methods of evaluation used in the teaching of mathematics. Fall semester only.

**472e. MATERIALS AND METHODS OF TEACHING  
HEALTH AND PHYSICAL EDUCATION****3 semester hours**

Methods, materials, and techniques of teaching skills in the school health, physical education curriculum; organization and planning of the total curriculum as well as daily programs; laboratory experiences in observing and conducting activity classes in on-campus student teaching in conjunction with activity classes. Should be taken during junior year.

**472f. MATERIALS AND METHODS OF TEACHING  
HIGH SCHOOL SCIENCE****3 semester hours**

The role of science in the secondary school curriculum. Current trends and methods used in teaching the Natural Sciences. Selection and organization of materials; familiarization with course content and some texts in current use; materials available and their sources. Laboratory and classroom methods; evaluation of laboratory work, classroom work, testing. Opportunity to do experimental organization and teaching to members of the student's own group; emphasis on Biology, Chemistry or Physics, depending upon the prospective teacher's major discipline. Fall semester only.

**472g. MATERIALS AND METHODS OF TEACHING  
HIGH SCHOOL SOCIAL STUDIES****3 semester hours**

A study of the materials and methods of teaching social studies. Emphasis upon planning, organization, objectives, and evaluation. Required classroom observation. Fall semester only, prior to student teaching in Spring semester.

**473. MATERIALS AND METHODS IN  
ELEMENTARY EDUCATION****6 semester hours**

Investigation, evaluation, and selection of content, materials and methods used in the organization, planning, and teaching of language arts, social studies, science and mathematics in the elementary school. Open only to seniors and scheduled in conjunction with student teaching.

**481. SUPERVISED OBSERVATION AND STUDENT TEACHING****6 semester hours**

This course provides the student with actual experience in the classroom on a full-time basis for a period of eight weeks, with periodic conferences with the supervisor and a short seminar at the

end of the student teaching term. The student becomes acquainted with the duties and observes the methods and activities of an experienced teacher with gradual induction into full-time teaching responsibilities. History and English majors, Spring semester only. Prerequisites: Education 311 and 471 or 473.

#### 491. INDEPENDENT STUDY

1-3 semester hours

### English

*Chairman, Department of Literature, Languages and Communications:*  
Associate Professor Bland

*Professors:* Blake, Priestley, Smith

*Associate Professors:* Berry, Gerow

*Assistant Professors:* Angyal, Brittain, Euliss, Gill, Mackay, Maness, Ponder

*Instructors:* Migniuolo, Nelms

The major in English requires English 111, 112, 211, 221 or 222, 231, 232, 242 or 360, 243 or 320 or 361, 330 or 331 or 332, 334 or 335, 420 or 431, two courses selected from 250, 351, 352, 353; plus nine hours of electives in English (at least six of which must be on the 300-400 level). In addition to providing a broad range of courses, the English major allows the student to concentrate on one or more of the following areas: British literature, American literature, international literature, and the English language. Students majoring in English for teacher certification are required to take English 111, 112, 211, 221 or 222, 231, 232, 242 or 360, 243 or 320 or 361, 250, 351, 352, 353, 420, plus nine hours of electives in English (at least six of which must be on the 300-400 level); Communications 210.

Students are admitted to English courses numbered 200 and above by successfully completing English 111 and 112, by scoring in the 50th percentile or above on the CLEP "Freshman English" exam for English 111 credit and "College Composition" for English 112 credit.

Recommended electives for the English major include Communications, Fine Arts 211, History 211, 212, 311, 312, 343, French 211, 212, German 211, 212, Philosophy 113, 333, 352, 431, 432, Religion 111 and 252.

The major in English-Journalism requires English 111, 112, 221 or 222, 231 or 232, 242 or 243, 351, plus 9 semester hours of English courses at the 300-400 level. Additional requirements are Communications 210, 225, 226, 245, 325, 345, 420, plus 12 semester hours of Communications courses at the 300-400 level.

The minor in English requires 18 hours of English courses beyond English 111 and 112, at least nine hours of which must be 300-400 level courses.

#### 100. BASIC WRITING SKILLS

3 semester hours

Basic writing skills course required of all entering students except those who can demonstrate writing competence. This course does not satisfy the general distribution requirement in humanities or the requirements for English major or minor. "C" minimum grade required as prerequisite for English 111. Not open to students with credit for English 111. Laboratory required.

#### 106. READING SKILLS

3 semester hours

A laboratory course designed to help students improve their reading comprehension, to increase their reading speed to appropriate levels, and to increase their vocabulary. Required of all entering students except those who can demonstrate reading competence. This course does not satisfy the general distribution requirement in humanities or the requirements for the English major or minor.

#### 111. FRESHMAN ENGLISH

3 semester hours

A course in composition emphasizing grammar, sentence clarity, paragraph construction, and patterns of organization for entire essays. Some class time will be used for individual instruction. Frequent papers.

**112. FRESHMAN COMPOSITION AND RESEARCH METHODS** **3 semester hours**

A continuation of English 111. A study of composition emphasizing logic and argument with some attention given to development of tone and style in the writing of essays. In addition, prose literature and research methods will be studied, and several assignments will require use of library materials. Prerequisite: English 111.

**211. INTRODUCTION TO LITERATURE** **3 semester hours**

A study of the characteristics of fiction, drama and poetry. Emphasis on how to interpret these kinds of literature and assess their traditional identifying characteristics. Prerequisites: English 111, 112.

**221. AMERICAN LITERATURE I** **3 semester hours**

A survey of American Literature from the Colonial Period to 1860 as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

**222. AMERICAN LITERATURE II** **3 semester hours**

A survey of American Literature from 1860 to the present as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

**231. ENGLISH LITERATURE I** **3 semester hours**

A survey of English Literature from Beowulf to the end of the eighteenth century as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

**232. ENGLISH LITERATURE II** **3 semester hours**

A survey of English Literature from the beginning of the nineteenth century to the present as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

**241. CLASSICAL LITERATURE** **3 semester hours**

A survey of Greek and Roman myth, drama, epic, and lyrical poetry. Readings will include writers such as Homer, Aeschylus, Sophocles, Euripides, Ovid, Virgil, Catullus, and Horace. Prerequisites: English 111, 112.

**242. WORLD LITERATURE I** **3 semester hours**

A survey of World Literature from the Book of Job through Montaigne as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

**243. WORLD LITERATURE II** **3 semester hours**

A survey of World Literature from Neoclassical to modern writers as reflected against the literary, historical and cultural backgrounds. Prerequisites: English 111, 112.

**250. FUNDAMENTALS OF GRAMMAR** **3 semester hours**

A thorough study of the traditional description of the English language for the purpose of teaching terminology, parts of speech, grammatical structures, and correct usage at the level of standard written English. Will also emphasize the direct relationship between these skills and such matters as clear, expository expression, rhetorical patterns, and effective punctuation. Prerequisites: English 111, 112.

**271. SPECIAL TOPICS** **1-3 semester hours**

A study of a restricted subject such as the writings of a single writer, a comparative study of two or three writers, or a significant theme that recurs in literature. Each individual subject may be taken for credit.

**301. CHILDREN'S LITERATURE** **3 semester hours**

Children's literature as a basis for the selection and production of reading or story material for children in the primary and elementary grades. Examination of the field of children's literature and folk literature to discover reading which satisfies modern educational requirements. No credit on the English major or minor. Prerequisites: English 111, 112.

**320. LITERATURE OF THE SOUTH** **3 semester hours**

A study of twentieth-century Southern literature, its background and themes, with attention given to major writers of the century and to significant contemporaries. Prerequisites: English 111, 112.

**330. CHAUCER****3 semester hours**

An in-depth study of Chaucer's major works set against the intellectual background of the late Middle Ages: the greater portion of *The Canterbury Tales*, *Troilus and Cressida*, two dream visions and several of the lyrics. Prerequisites: English 111, 112.

**331. SHAKESPEARE****3 semester hours**

The study of a selected group of Shakespeare's comedies, tragedies, and histories. Prerequisites: English 111, 112.

**332. MILTON****3 semester hours**

A study of selected works of Milton in poetry and prose as reflected against the intellectual background of the seventeenth century. Prerequisites: English 111, 112.

**334. STUDIES IN THE ROMANTIC PERIOD****3 semester hours**

An intensive study of selected major literary figures of the Romantic period with interpretive and biographical emphases. Topics to vary. Prerequisites: English 111, 112.

**335. STUDIES IN THE VICTORIAN PERIOD****3 semester hours**

Selected readings in the prose and poetry of nineteenth-century England (1832-1900). Included in the study will be Tennyson, Browning, Carlyle, Arnold and others, as well as some characteristics of the period. Prerequisites: English 111, 112.

**351. THE ENGLISH LANGUAGE****3 semester hours**

A study of the growth and development of the English language, changes in its phonology, morphology and syntax, and its dialectal variations in the United States. Prerequisites: English 111, 112.

**352. INTRODUCTION TO RHETORIC****3 semester hours**

A study of the resources of language as a vehicle of communication. The emphasis is on the practical application of these resources to the problems of written communication by the writing of frequent papers. Prerequisites: English 111, 112.

**353. INTRODUCTION TO LINGUISTICS****3 semester hours**

A study of traditional grammar and of the transformational-generative systems of language description. Prerequisites: English 111, 112.

**360. DRAMATIC LITERATURE I****3 semester hours**

A survey of classical, oriental and European drama from the Greek tragedians through French Neoclassical and German Romantic playwrights. Course will include a study of the origins of theater, dramatic theory, and the evolution of dramatic literature. Prerequisites: English 111, 112.

**361. DRAMATIC LITERATURE II****3 semester hours**

A close reading and analysis of world drama of the late nineteenth and twentieth centuries, from Ibsen and Chekhov through Albee and Shaffer. Course will include an introduction to critical concepts and vocabulary of the modern theater. Prerequisites: English 111, 112.

**362. A STUDY OF FILMS****3 semester hours**

A survey of significant world cinema, using films that illustrate differences in national cultures, chief periods and types of film-making, and the achievements in techniques and ideas of the greatest directors. Small fee. Prerequisites: English 111, 112. (English 362 is the same as Communications 362.)

**365. LITERATURE AND THEOLOGY****3 semester hours**

A study focusing on the relationship between the literary and theological disciplines with special attention to critical essays in this field with discussion of contemporary literature illustrative of various approaches to religious questions. Prerequisites: English 111, 112. (English 365 is the same as Religion 365.)

**371. SEMINAR: SPECIAL TOPICS****3 semester hours**

Topics vary from semester to semester and are announced in advance.



**420. THE AMERICAN NOVEL**

**3 semester hours**

A study of representative types of American novels from the nineteenth century to the present. Prerequisites: English 111, 112.

**431. THE BRITISH NOVEL**

**3 semester hours**

A study of representative types of British novels from the eighteenth century to the present. Prerequisites: English 111, 112.

**432. ENGLISH STUDIES IN BRITAIN**

**3 semester hours**

A study-tour based in London with emphasis on the theater and places of literary and cultural importance. Excursions to such places as Stratford-upon-Avon, Stonehenge, and Canterbury. Prerequisite: English 111. No credit on the English minor.

**441. POETRY**

**3 semester hours**

A study of the major types of poetry. Prerequisites: English 111, 112.

**491. INDEPENDENT STUDY**

**1-3 semester hours**

## Fine Arts

*Chairman, Department of Fine Arts:*

*Professors: Westafer, J. White*

*Associate Professors: Bragg, Daniel*

**211. INTRODUCTION TO FINE ARTS**

**3 semester hours**

A comparative study of major artistic styles and representative examples of painting, sculpture, architecture, music, dance and drama. Designed to help the student discover universal esthetic qualities common to all art works.

**271. SPECIAL TOPICS**

**1-3 semester hours**

## Foreign Languages

*Chairman, Department of Literature, Languages and Communications:*  
*Associate Professor Bland*

*Associate Professor: C. White*

*Assistant Professors: Baynes, W. Rich, M. Taylor*

A minor in foreign languages requires 18 semester hours (or the equivalent) of language instruction. At least 12 of the hours must be taken in one language.

**FRENCH 111, 112. ELEMENTARY FRENCH**

**3 semester hours each semester**

Introduction to the essentials of French grammar, pronunciation, composition, conversation, and civilization. Extensive use of films designed to increase listening and speaking skills in everyday settings.

**FRENCH 211, 212. INTERMEDIATE FRENCH**

**3 semester hours each semester**

Systematic review of the fundamentals of French at an intermediate level. Continuation of the French 111, 112 film series to emphasize listening and speaking skills. Readings will be designed to increase vocabulary and promote cultural discussions. Prerequisites: two units of high school French or French 111, 112 or equivalent.

**GERMAN 111, 112. ELEMENTARY GERMAN**

**3 semester hours each semester**

Introduction to the essentials of German grammar, pronunciation, composition, conversation, and civilization. Extensive use of films designed to increase listening and speaking skills in everyday settings.

**GERMAN 211, 212. INTERMEDIATE GERMAN**

**3 semester hours each semester**

Systematic review of the fundamentals of German at an intermediate level. Continuation of the German 111, 112 film series to emphasize listening and speaking skills. Readings will be designed to increase vocabulary and promote cultural discussions. Prerequisites: two units of high school German or German 111, 112 or equivalent.

**GREEK 111-112. ELEMENTARY GREEK****3 semester hours each semester**

Mastery of declensions and conjugations, synopsis of verbs, word analysis, derivation and composition, and simpler principles. Drill in pronunciation by reading Greek aloud. Offered alternate years. A continuous course which must be completed for credit toward a degree.

**GREEK 211, 212. INTERMEDIATE NEW TESTAMENT GREEK****3 semester hours each semester**

Intermediate Greek grammar with emphasis on readings in the New Testament. Textual problems, and problems and methods of interpretation. Prerequisites: Greek 111-112. Offered alternate years.

**SPANISH 111, 112. ELEMENTARY SPANISH****3 semester hours each semester**

Essentials of grammar, pronunciation, composition, conversation.

**SPANISH 211, 212. INTERMEDIATE SPANISH****3 semester hours each semester**

Systematic review of the fundamentals of Spanish, with oral drill, composition, and emphasis on development of reading skills. Prerequisites: two units of high school Spanish or Spanish 111, 112.

**FOREIGN LANGUAGE 371. SEMINAR: SPECIAL TOPICS****1-3 semester hours****FOREIGN LANGUAGE 491. INDEPENDENT STUDY****1-3 semester hours**

Readings and study of selected materials covering specific topics, authors, or periods of foreign literature and civilization under the guidance of a member of the staff.

## Geography

*Chairman, Department of Social Sciences:* Associate Professor Watts

*Assistant Professor:* Cates

A minor in Geography requires Geography 121, 131, and 12 additional hours chosen from Geography, Biology 201, and Chemistry 103.

**121. PHYSICAL GEOGRAPHY****3 semester hours**

A study of man's natural environment. Elements studied are weather and climate, water bodies, soils, natural vegetation, wildlife and landforms. Emphasis on interrelations among these environmental elements, their world-wide patterns, man's adaptations to them and impact on them, and maps used to represent them.

**131. WORLD REGIONAL GEOGRAPHY****3 semester hours**

A study of the natural environment and human characteristics of the world's major regions. Emphasis on distinguishing characteristics and major problems of each region and on the nature of man's adaptation in each.

**211. ECONOMIC GEOGRAPHY****3 semester hours**

A study of the human and environmental influences on the locations of the different types of economic activity and the resulting spatial patterns. Emphasis on location of agricultural and manufacturing production and the distribution of the various land uses within cities. Offered alternate years.

**311. GEOGRAPHY OF THE UNITED STATES AND CANADA****3 semester hours**

A study of Anglo-America's natural environment, population, and human activities. A description of continental patterns is followed by concentration on the subregions. Offered alternate years.

**321. GEOGRAPHY OF EUROPE****3 semester hours**

A study of the environmental and human characteristics of Europe. Continent-wide patterns are studied as well as the subregions and countries which make up Europe. Offered alternate years.

**331. GEOGRAPHY OF NORTH CAROLINA****3 semester hours**

North Carolina's natural environment, population, political organization, and economy. State-wide patterns and trends are used to define regions of the state and are placed in the national context.

**341. URBAN GEOGRAPHY****3 semester hours**

The spatial study of urban settlement. The system of cities, emphasizing the relationships among cities and between cities and their tributary areas. The internal land-use and activity patterns of cities, with particular reference to North American developments. Offered alternate years.

**351. POPULATION GEOGRAPHY****3 semester hours**

An analysis of population distribution/density, mortality/fertility, and movement/migration. Past and current trends in population numbers and characteristics are examined, stressing economic and cultural impacts. The future is considered in relation to the known resource base. Offered alternate years.

**491. INDEPENDENT STUDY****1-3 semester hours****History**

*Chairman, Department of Social Sciences:* Associate Professor Watts

*Professors:* Delp, Moncure

*Associate Professors:* Crowe, C. Troxler, G. Troxler

*Assistant Professor:* R. Holt

*Instructor:* L. Rich

A major in History requires History 111, 112, 211, 212, one seminar course, plus 18 semester hours of electives in History; 3 semester hours from Political Science; plus 9 semester hours on the junior-senior level from the Social Sciences, Literature, Religion, or from any course in Philosophy, Psychology, or Foreign Language.

History majors receiving teacher certification must have Geography 131 and Political Science 231 in addition to the required professional education courses. (Political Science 231 fulfills the requirement of 3 semester hours in Political Science.)

A minor in History requires History 111, 112, 211, 212, one seminar, and three elective hours in History. A minor in American History requires History 211, 212, one seminar in American History, and nine elective hours in United States or Latin American History. A minor in European History requires History 111, 112, one seminar in European or English History, and nine elective hours from European, English, and/or Russian History.

**111, 112. HISTORY OF WESTERN CIVILIZATION****3 semester hours each semester**

European history from the era of pre-history to the present. The cultural and social development of the various ancient and European cultures is given equal emphasis with the course of events in political and economic spheres. History 111 covers the period from pre-history to the year 1660; History 112, the years 1660 to the present.

**211, 212. AMERICAN HISTORY****3 semester hours each semester**

American History from the period of discovery and colonization to the present. Emphasis is upon certain fundamental themes in American history and forces that have shaped American life. History 211 covers the period from discovery to 1864; History 212, the years from 1865 to the present.

**216. NORTH CAROLINA HISTORY****3 semester hours**

The history of North Carolina from the first discoveries of the area to the present. Includes study of political, agricultural, industrial, religious, educational, literary, and social developments. Recommended for all students.

**246. AMERICAN MILITARY HISTORY****3 semester hours**

A course in the military history of the U.S. from 1775 to the present designed to help the student understand the role the military has played in American society. The course includes the military as a social class, as an element of the nation's diplomacy, and the study of military principles, as well as campaigns and battles of major American wars.

**271. SPECIAL TOPICS****1-3 semester hours**

**311, 312. HISTORY OF ENGLAND****3 semester hours each semester**

English history from the time of Britain's first contacts with the Roman world to the present. History 311 is a survey of English history to 1603; History 312 covers the period from 1603 to the present. Prerequisites: History 111, 112.

**313. THE HISTORY OF LATIN AMERICA TO 1825****3 semester hours**

The Americas south of the Rio Grande from the arrival of Europeans until most of the area gained political independence. Focus is on those developments that have molded contemporary Latin America. Major topics include Iberian exploration and settlement, the interaction of Amerind and Iberian cultures, the formation of Colonial societies, independence movements and formative socio-economic institutions. Prerequisites: History 111, 112 or 211, 212. Offered alternate years.

**314. THE HISTORY OF LATIN AMERICA FROM 1825 TO PRESENT****3 semester hours**

Chronological and regional frameworks are used to explore social, political, economic and intellectual developments in the Americas south of the Rio Grande since independence. Major focus is on the period since 1910. Prerequisite: History 313. Offered alternate years.

**315. THE HISTORY OF RUSSIA TO 1917: THE IMPERIAL PERIOD****3 semester hours**

A survey of Russian history from the founding of the Russian state to the fall of the Romanov dynasty in 1917. Emphasis is placed on the various elements in Russia's past that have molded its historical character. Prerequisites: History 111, 112. Offered alternate years.

**316. THE HISTORY OF RUSSIA SINCE 1917: THE SOVIET PERIOD****3 semester hours**

A detailed study of the personalities and political movements that have been important in Russia since the time of Lenin. The course will strongly emphasize Soviet domestic policies and their impact upon Russia and the world as well as the leadership role the USSR has played in the world communist movement. Prerequisites: History 111, 112. Offered alternate years.

**341. UNITED STATES FOREIGN POLICY TO 1939****3 semester hours**

Diplomatic history of the United States from the Revolution to the outbreak of World War II. Emphasis is on the political and constitutional influences on United States foreign relations and the evolution of major policies. Prerequisites: History 211, 212. Offered alternate years. (History 341 is the same as Political Science 341.)

**342. UNITED STATES FOREIGN POLICY SINCE 1939****3 semester hours**

(Same course as Political Science 342. See Political Science 342 for description.)

**343. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES****3 semester hours**

A study of influential trends arising from the experience of the American people in developing a national character. Particular attention is devoted to an analysis of philosophical, economic, literary and educational evolution of the nation from the colonial to the modern period. Prerequisites: History 211, 212. Offered alternate years.

**344. THE SOUTH IN AMERICAN HISTORY****3 semester hours**

The civilization of the South from the time the region became conscious of its identity to the present. All phases of life are surveyed, and particular consideration is given to the effects of the Civil War and Reconstruction, significant political trends, development in agriculture and industry, educational and cultural progress, the Negro, World War II, and the South today. Prerequisites: History 211, 212.

**348. THE UNITED STATES SINCE 1917****3 semester hours**

Contemporary American History with emphasis on the political, social, and intellectual forces which have shaped American development since United States entry into the First World War. Prerequisite: History 212.

**352. EUROPE 300-1300****3 semester hours**

The decline of Rome; the barbarian invasions; the rise of the papacy and the challenge of Islam are studied. Also the development of medieval political, economic and social institutions and the idea of a universal Christian Church. Prerequisites: History 111, 112. Offered alternate years.

**353. EUROPE 1300-1648****3 semester hours**

The various phases of the Renaissance, Italian and Northern are considered. Humanism and the rise of the secular state; the Protestant and Catholic Reformations; the political, economic and cultural developments contributing to the expansion of Europe are studied. Prerequisites: History 111, 112. Offered alternate years.

**354. EUROPE 1648-1815****3 semester hours**

The political, economic and social factors responsible for the English, American and French Revolutions and the Industrial Revolution are studied as well as the struggles for Empire, the Napoleonic era, and the cultural, economic and political patterns of a changing society. Prerequisites: History 111, 112. Offered alternate years.

**355. EUROPE 1815-1914****3 semester hours**

Political, social, economic and cultural developments with particular attention to the national and international problems, especially development of the principles of nationalism, liberalism, and imperialism along with the growth of modern ideologies in their political and economic setting. Prerequisites: History 111, 112. Offered alternate years.

**357. THE TWENTIETH CENTURY, 1914****3 semester hours**

Contemporary global developments with special emphasis on the development and conflicts of democracy and dictatorship, two World Wars, and the problems and background of current history. Designed to aid the student in appraising present day issues. Prerequisites: History 111, 112, 211, 212.

**371. COLONIAL AMERICA****3 semester hours**

A topical approach to Early American History incorporating weekly seminars combining directed readings, class discussion and written reports. Topics of study include European exploration and a comparison of Spanish, French, and British colonization. Emphasis is on the political and social development of the English North American colonies. Prerequisite: History 211. Offered alternate years.

**372. THE ERA OF THE AMERICAN REVOLUTION 1763-1789****3 semester hours**

Weekly seminars combining directed readings, class discussion and written reports. In a study beginning with colonial resistance to British policy and concluding with the framing of the Constitution equal emphasis is given to the philosophical basis of the revolution, military history, political developments, and social and economic trends. Prerequisite: History 211. Offered alternate years.

**373. ERA OF THE AMERICAN CIVIL WAR****3 semester hours**

Readings and/or research in this period of American history. This course begins with an examination of the causes of the War between the States and culminates in a study of the conflict and leaders of the era. Prerequisites: History 211, 212. Offered alternate years.

**374. TWENTIETH CENTURY AMERICANS****3 semester hours**

Readings and/or research on famous figures of twentieth-century America with special emphasis on those who have made notable contributions to the American way of life. Prerequisites: History 211, 212. Offered alternate years.

**375. READINGS IN THE HISTORY OF  
AMERICAN SOCIAL REFORM****3 semester hours**

A study of primary and secondary sources relating to the movements which have effected social change in the United States from the period of the American Revolution to the present. Temperance, antislavery, communitarianism and minority rights are among the topics explored in depth. Prerequisites: History 211, 212. Offered alternate years.

**377. READINGS IN THE TUDOR PERIOD OF ENGLISH HISTORY****3 semester hours**

Selected topics are the basis of directed readings and conferences and also of weekly meetings for oral reports and discussion. The new sovereignty, Crown-Parliament relations, the growth of Protestantism, social change, and commercial expansion are among the themes pursued from the accession of Henry VII in 1485 until the death of Elizabeth I in 1603. Prerequisites: History 111; History 311 or permission of instructor. Offered alternate years.



**378. READINGS IN THE STUART PERIOD OF ENGLISH HISTORY 3 semester hours**

Selected topics are the basis of directed readings and conferences and also of weekly meetings for oral reports and discussion. The topics examine varied aspects of the conflicts which pulsed England during the "century of revolution," 1603-1714. Prerequisites: History 111; History 311 or permission of instructor. Offered alternate years.

**379. SELECTED READINGS ON THE SOVIET UNION 3 semester hours**

A study of the Soviet Union from its inception in 1917 to the present day. Weekly discussion sessions focus on selected topics and readings chosen by the instructor and the student with emphasis on major historical trends in the Soviet past that relate to current Soviet policies and international relations. Prerequisites: History 111, 112. Offered alternate years.

**471. SEMINAR: SPECIAL TOPICS 3 semester hours**

A specialized study of topics or themes in history by small groups or those participating in departmental travel programs. Does not fulfill history seminar major requirement. Non-travel projects open only to history or social science majors who have junior or senior standing or by special permission of the instructor. May be repeated for credit.

**481. INTERNSHIP IN APPLIED HISTORY 3 semester hours**

An orientation program to familiarize students with careers in archives, records, historic sites, and museum administration; archaeology, the preservation of historic properties, and historical publications. Includes an orientation program and an internship of 10 hours per week for 10 weeks. Prerequisite: 18 semester hours of history. Offered Spring semester.

**491. INDEPENDENT STUDY 3 semester hours**

Individual study of an area of special historical interest under a member of the history faculty. Open only to history majors and minors who have junior or senior standing or by permission of the instructor. Prerequisites: History 111, 112 or 211, 212.

## Human Services

*Chairman:* Assistant Professor Higgs

*Associate Professor:* Brogan

A major in Human Services requires Human Services 211, 212, 231, 381, 411, 431, 481; Business Administration 323; Business Administration 329 or Computer Information Science 111; Economics 211; Mathematics 265; Psychology 211, 341, 421; Sociology 111, 211, 311; and Philosophy 111 or 115.

A major in Human Services prepares the graduate to work in society's many social welfare subsystems — health, education, mental health, welfare, family services, corrections, child care, vocational rehabilitation, housing, community service, and the law.

Prior to taking Human Services 381 students must be approved by the Human Services Screening Committee. Applications for the Practicum are available in the office of the Department Chairman. Applications for taking the Practicum in the Summer term must be submitted no later than March 1. Applications for taking the Practicum in the Winter term must be submitted no later than October 1. A minimum grade point average of 2.10 is required to be eligible for the Practicum.

All other major requirements must be completed prior to taking Human Services 481. Students who enroll in Human Services 481 may not take any courses other than the prescribed block courses. Applications for taking the Internship in the Fall Semester must be submitted no later than March 1. Applications for taking the Internship in the Spring Semester must be submitted no later than October 1. A minimum grade point average of 2.20 is required to be eligible for the Block courses — Internship sequence.

**211. INTRODUCTION TO HUMAN SERVICES****3 semester hours**

A study of communities, their needs, and cooperative organizations and programs designed to meet needs of both individuals and groups. This course requires a minimum of forty hours work in an appropriate Human Services agency.

**212. TECHNIQUES IN HUMAN SERVICES****3 semester hours**

A survey of communication skills for the human services worker including interviewing, active listening, observing, recording, reporting, referring and counseling. Emphasis is upon empathy, genuineness and nonpossessive warmth as essential to the helping relationship. Attention is given to attitudes and skills as well as knowledge. Prerequisite: Human Services 211.

**231. SOCIAL GROUP WORK****3 semester hours**

The historic and generic development of group processes as it applies to age groups, family groups, and other groups. Problems of group organization, disorganization, and reorganization in society. Criteria for selection of group activities. Prerequisite: Psychology 211 or Sociology 111.

**381. PRACTICUM IN HUMAN SERVICES****3 semester hours**

Preliminary field experiences to orient student in various areas of human services. Prerequisite: Human Services 211, 212.

**411. ADMINISTRATION, SUPERVISION, AND FINANCING  
OF HUMAN SERVICE AGENCIES****3 semester hours**

Principles and techniques in the administration of human services. Planning, staff selection, budgeting, financing, management, working with boards and volunteer groups.

**431. PRINCIPLES OF COUNSELING****3 semester hours**

Counseling techniques for persons who will work in the helping professions. Includes psychodynamics of behavior and the principles of individual and group counseling. Prerequisite: Psychology 421.

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours****481. INTERNSHIP****6 semester hours**

This course provides the student with actual experience in a human service agency on a full-time basis for 7-8 weeks. The student becomes acquainted with the duties and observes the methods and activities of experienced human service personnel.

**491. INDEPENDENT STUDY****1-3 semester hours****Journalism**

The journalism program is listed under Communications.

**Library**

*Chairman:* Assistant Professor Lambert

*Assistant Professors:* Vickers, Kirchen

*Instructor:* Keller

**101. LIBRARY RESEARCH****1 semester hour**

A study of the resources of an academic library. Designed to enable the student to utilize these resources by providing an overview of the system of bibliographic control including the public catalog, indexing and abstracting services, bibliographies, major types of reference tools, geographic and statistical compendia, and government documents.

## Mathematics

*Chairman, Department of Mathematics and Computer Information Science:* Associate Professor Francis

*Associate Professors:* Alexander, Barbee, Haworth

*Assistant Professors:* Evans, Parks

*Instructors:* Morrison, Speas

A major in mathematics requires Mathematics 111, 112, 121 (or 161), 221, 222, 311, 312, 321, 425; three courses from Mathematics 241, 331, 341, 421, 426; Physics 111, 112 and three semester hours of Computer Information Science.

For the student planning to teach mathematics required courses are Mathematics 111, 112, 121 (or 161), 221, 222, 311, 312, 321, 331, 341, 425; Physics 111, 112 and three semester hours of Computer Information Science.

A minor in Mathematics requires Mathematics 111, 112, 121 or 161, 221, 311, and one additional three semester hour course selected from Computer Information Science, Economics 246, or a Mathematics course numbered 200 or above (excluding 261, 262).

A student may exempt Math 111 and/or 112 by demonstrating proficiency.

Computer Information Science courses are listed under a separate heading in this catalog.

### **100. INTRODUCTORY ALGEBRA**

**3 semester hours (class meets 5 hours a week)**

A course designed to strengthen the fundamental algebraic concepts of exponents, factoring, equation and inequality solving, algebraic fractions, radicals and applications. This course or a demonstrated competence is recommended of students desiring to take Math 111. This course is not applicable to general distribution requirements for Math-Science. No credit is given to students having passed Math 111, or a course for which Math 111 is a prerequisite.

### **101. BASIC CONCEPTS IN MATHEMATICS**

**3 semester hours**

A course designed to meet partially the mathematics-science requirement of the College. The intent of the course is to give the student a basic understanding and appreciation of mathematical ideas. Topics are selected from: methods of counting, probability, statistics, number sequences, trigonometry, the metric system, geometry, systems of numeration, and computer concepts. No credit given to students having prior credit for Mathematics 111, 112, 121 or 161.

### **111. COLLEGE ALGEBRA**

**3 semester hours**

Topics include sets, real numbers, equations, inequalities, exponents, polynomials, rational expressions, relations, functions, and graphs.

### **112. TRIGONOMETRY AND ELEMENTARY FUNCTIONS**

**3 semester hours**

A course in basic functions. Topics include the arithmetic of functions; circular, trigonometric, exponential, logarithmic and inverse functions. Prerequisite: Mathematics 111 or competency.

### **121. CALCULUS AND ANALYTIC GEOMETRY I**

**3 semester hours**

Introduction to analytic geometry; functions; limits and derivatives; differentiation of algebraic functions; applications to the derivative. Prerequisite: Mathematics 111 or competency. Credit will not be given for both Mathematics 121 and 161.

### **160. TOPICS AND APPLICATIONS OF FINITE MATHEMATICS**

**3 semester hours**

A course designed as a service course to other departments and to fulfill partially the general mathematics-science requirement of the College. Topics have been chosen which lend themselves most easily to applications in other disciplines. Topics covered include progressions, matrices and determinants, linear systems, permutations, combinations, probability, and the binomial expansion.

**161. A CALCULUS OVERVIEW****3 semester hours**

A course designed as a service to other departments that desire a non-rigorous introduction to the concepts of function, limit, differentiation, integration and their respective applications. Not recommended for Mathematics majors. Prerequisite: Mathematics 111 or competency. Credit will not be given for both Mathematics 121 and 161.

**221. CALCULUS AND ANALYTIC GEOMETRY II****3 semester hours**

The conic sections and other algebraic curves; the definite integral; the definite integral as a limit of a sum; differentiation of transcendental functions. Prerequisites: Mathematics 112 and 121 (or 161).

**222. CALCULUS AND ANALYTIC GEOMETRY III****3 semester hours**

Formal integration; further applications; the mean value theorem and related topics; parametric equations, polar coordinates, and applications. Prerequisite: Mathematics 221.

**241. MATHEMATICAL LOGIC****3 semester hours**

An introduction to symbolic logic and axiomatics. Prerequisite: Mathematics 111 or permission of department.

**261, 262. MATHEMATICS FOR THE  
ELEMENTARY TEACHER****3 semester hours each semester**

A content course in mathematics open only to those students majoring in elementary education. Topics considered include: the nature of numbers, elementary logic; properties of the real number system and its subsystems, including the number line, number bases, modular arithmetic, and other topics from number theory; basic concepts of algebra, including the concepts of relation and function; informal geometry; applications. Prerequisite to Mathematics 262 is Mathematics 261.

**265. ELEMENTARY STATISTICS****3 semester hours**

A course in elementary statistics for students needing a general overview of modern statistics. Topics include organization of data, probability, measures of central tendency and variability, binomial and normal distributions, sampling, tests of hypothesis, estimation, correlation, regression and chi-square. Prerequisites: Mathematics 111 or demonstrated competency. Credit will not be given for both Mathematics 265 and Economics 246.

**311. LINEAR ALGEBRA****3 semester hours**

An introductory course in linear algebra covering the following topics: vectors, vector spaces, matrices, determinants, systems of linear equations, and linear transformations. Prerequisite: Mathematics 121.

**312. MODERN ALGEBRA****3 semester hours**

An introductory course in abstract algebra covering major elementary aspects of the subject; properties of the integers, congruence, the real and complex number systems, integral domains, rings, fields, groups and polynomials. Prerequisite: Mathematics 311.

**321. CALCULUS AND ANALYTIC GEOMETRY IV****3 semester hours**

Infinite series; solid analytic geometry; partial differentiation; multiple integration. Prerequisite: Mathematics 222.

**331. MODERN GEOMETRY****3 semester hours**

A rigorous treatment of the axiomatic foundations of Euclidean geometry through Hilbert's axioms; the role and independence of the parallel postulate, revealed through models and neutral geometry; historical and philosophical implications of the discovery of non-Euclidean geometry with an introduction to both hyperbolic and elliptic geometry. Prerequisite: Mathematics 221.

**341. PROBABILITY THEORY AND STATISTICS****3 semester hours**

Sample space, combinations, random variables, distributions, central limit theorem. Prerequisite: Mathematics 221.

**391. INDEPENDENT STUDY****1-2 semester hours**

Open to students at all levels. Prerequisite: Permission of the mathematics staff. May be repeated with different topics. Maximum total credit, 8 semester hours.

**421. DIFFERENTIAL EQUATIONS****3 semester hours**

Methods of solving and applications of ordinary differential equations. Prerequisite: Mathematics 222.

**425, 426. ANALYSIS****3 semester hours each semester**

A rigorous study of the real numbers, sequences, series, limits, continuity, differentiation and integration. Prerequisites: Mathematics 312, 321 or permission of department.

**471. SENIOR SEMINAR: SPECIAL TOPICS****3 semester hours**

Topics selected to meet the needs and interests of the student. Open to senior mathematics majors and others by permission of the Department of Mathematics. Winter term only.

## Medical Laboratory Technician

*Chairman, Department of Biology and Allied Health:* Associate Professor Ryals

*Program Director:* G. Scott

*Adjunct Associate Professor:* Powell

*Adjunct Assistant Professors:* Flora, Geyer, Knesel

*Instructor:* Thornton

The medical laboratory technician as defined by the American Society of Clinical Pathologists is one who has completed two years of college-level work, including science courses; or who has an equivalent education; who is able to perform more complicated laboratory procedures than a laboratory assistant; and who requires a limited amount of supervision by a physician or a medical technologist.

The Medical Laboratory Technician Program is offered in cooperation with Biomedical Reference Laboratories, Inc., of Burlington. The requirements for the Associate in Science degree are as follows: Medical Laboratory Technician 111-112, 221, 222, 223, 226, 231, 251, 281, 282, 283, 284, 285; Biology 161-162; Chemistry 111, 112; English 111, 112; Mathematics 111 (or higher); Psychology 211; Sociology 111; and 2 semester hours in Physical Education activity courses to total 76 semester hours. Admission to the Medical Laboratory Technician Program is selective because of the limited number of positions. A separate application is required. Application forms and policies are available in the Admissions Office.

For a Bachelor of Arts degree students who have completed the Medical Laboratory Technician Program should study the degree requirements in this catalog and consult the department chairman of the major field selected.

The requirements for the Bachelor of Applied Science are the same as the Associate in Science plus the following: Biology 211, 321, 341, 441; Chemistry 211-212; completion of the General Education Distribution requirements; plus electives to total 126 semester hours.

### 111-112. INTRODUCTION TO CLINICAL LABORATORY I & II

**4 and 2 semester hours**

An orientation to Medical Laboratory Technology emphasizing the role of the medical laboratory technician in the health delivery system, medical terminology, basic laboratory techniques and modern instrumentation. Open only to students in the Medical Laboratory Technician program. Three class hours, one laboratory per week. A continuous course which must be completed for credit toward a degree.

**221. HEMATOLOGY****4 semester hours**

Formation, composition and function of blood. Study of the diseases of blood; anemias, leukemias, and others. Obtain blood and perform manual cell counts, coagulation studies and other hematological tests. Prerequisites: Biology 161, Chemistry 111, MLT 111-112.



**222. CLINICAL MICROBIOLOGY****3 semester hours**

Basic principles of microbiology including the preparation of media, planting of biological cultures, identification and differentiation of commonly occurring pathogens, sensitivity testing, and handling and disposal of contaminated materials. Microorganisms studied will include bacteria, parasites, rickettsia, and an introduction to viruses and fungi. Theories of immunology. Prerequisites: Biology 161-162; Chemistry 111, 112; MLT 111-112.

**223. IMMUNOHEMATOLOGY****3 semester hours**

Basic principles of blood banking, immunology and serology. Includes antigen-antibody reactions as they apply to preparation of blood for transfusion and identification of antibodies due to disease. Prerequisites: Biology 161-162; Chemistry 111, 112; MLT 111-112.

**226. URINALYSIS****1 semester hour**

Introduction to routine urine and body fluid examination. Study of urinary, gastro-intestinal, and nervous system. Prerequisites: Biology 161-162; Chemistry 111, 112; MLT 111-112.

**231. CLINICAL CHEMISTRY****5 semester hours**

Introduction to basic clinical laboratory chemistry. Analysis of blood and other body fluid chemical constituents. Basic instrumentation including use of instruments, pipettes, solution preparation. Basic principles, normal values, testing procedures and basic lab technique. Introduction to quality control, preparation of filtrates, etc. Review of laboratory mathematics. Prerequisites: Biology 161-162; Chemistry 111, 112; MLT 111-112.

**251. CLINICAL COMPREHENSIVE****1 semester hour**

A comprehensive review of concepts in MLT practice, MLT theory, and MLT problem solving. Topics covered are those that frequently occur on the national certification examinations.

**281. URINALYSIS PRACTICUM****2 semester hours**

Practical application of knowledge and skills learned in MLT 226 in a clinical environment in order to develop a laboratory worker who can function in performing routine urinalysis procedures with minimal supervision and utilizing appropriate quality control. Primary manual with limited automated techniques will be used.

**282. MICROBIOLOGY PRACTICUM****4 semester hours**

Practical application of knowledge and skills learned in MLT 222 in a clinical environment using manual and limited automated techniques in order to develop a laboratory worker who can function in performing routine microbiological procedures with minimal supervision and utilizing appropriate quality control.

**283. HEMATOLOGY PRACTICUM****4 semester hours**

Practical application of knowledge and skills learned in MLT 221 in a clinical environment using manual and automated techniques in order to develop a laboratory worker who can function in performing routine hematological procedures with minimal supervision and utilizing appropriate quality control.

**284. IMMUNOHEMATOLOGY PRACTICUM****5 semester hours**

Practical application of knowledge and skills learned in MLT 223 in a clinical environment using manual and limited automated techniques in order to develop a laboratory worker who can function in performing routine blood banking, serological, and immunological procedures with minimal supervision and utilizing appropriate quality control.

**285. CLINICAL CHEMISTRY PRACTICUM****5 semester hours**

Practical application of knowledge and skills learned in MLT 231 in a clinical environment using manual and automated techniques in order to develop a laboratory worker who can function in preparing solutions, performing routine mathematical operations, and performing routine chemical procedures with minimal supervision and utilizing appropriate quality control.

## Military Science

*Chairman, Professor:* Lt. Col. Jackson

*Assistant Professor:* Captain McIntosh

Elon College, in a cooperative agreement with North Carolina A & T State University, offers an Army Reserve Officers Training (ROTC) program.

The Army Reserve Officers Training Corps Program provides a viable elective program for both male and female students. It is divided into a basic course and an advanced course which are normally completed during a four year period. However, it is possible for veterans and other students who elect to undergo special training to complete the program in two years.

*Programs of Instruction:* Programs of instruction for the Army ROTC include a four-year program and a two-year program. The four-year program consists of a two-year basic course, a two-year advanced course and the advanced ROTC Summer Camp. The two-year program encompasses a basic ROTC Summer Camp, a two-year advanced course and the advanced ROTC Summer Camp.

*Basic Course:* The basic course is normally taken during the freshman and sophomore years. The purpose of this instruction is to introduce the student to basic military subjects: Branches of the Army; familiarization with basic weapons; equipment and techniques; military organization and functions; and the techniques of leadership and command. It is from the students who successfully complete this instruction that the best qualified are selected for the advanced course which leads to an officer's commission. Credit for the basic course can be obtained by successful completion of Military Science 111, 112, 141, 142, 211, 212, 241, and 242. History 246 may be substituted for Military Science 211 or 212. Successful completion of Military Science 251, or prior service in the Armed Forces, can be used to obtain appropriate credit for the basic course.

*Advanced Course:* Students who receive appropriate credit for the basic course and meet eligibility standards are admitted to the advanced course on a best qualified basis. Successful completion of the advanced course qualifies the student for a commission as a Second Lieutenant in one of the branches of the United States Army. The following courses are required for completion of the advanced course: Military Science 311, 312, 341, 342, 351, 411, 412, 441, and 442.

*Two-Year Program:* This program is designed for junior college students or sophomores at four-year institutions who have not taken ROTC. A basic six-week summer training period after the sophomore year takes the place of the basic course required of students in the traditional four-year program. When a student with two years of college has successfully completed the basic summer training, he is eligible for the advanced ROTC course in his junior and senior years. The advanced course, which leads to an officer commission, is the same for students in either the four-year program or the two-year program.

#### **111. INTRODUCTION OF CITIZEN/SOLDIER**

**1 semester hour**

An introduction to the mission, organization, and history of ROTC; military and civilian obligations in relation to National Security; individual arms and marksmanship techniques; emergency medical treatment.

#### **112. INTRODUCTION TO UNITED STATES MILITARY FORCES IN SUPPORT OF NATIONAL DEFENSE**

**1 semester hour**

A discussion of the mission and responsibilities of the United States Military Forces in support of national security with emphasis on the role of the individual participating citizen.

#### **141, 142. LEADERSHIP LABORATORY**

**1 semester hour each semester**

Military courtesy and customs of the service, drill experience, development of initiative and self-confidence.

**211. BRANCHES OF THE ARMY AND LEADERSHIP PRINCIPLES 1 semester hour**

An orientation on each branch of the Army to acquaint students with the job areas available to the ROTC graduate. Additionally an appreciation is developed for the applicability of leadership principles, traits, and techniques in all job areas.

**212. MAP READING SKILL DEVELOPMENT 1 semester hour**

A detailed study of orienteering to include basic fundamentals of map reading, grid systems, scale and distance, elevation and relief, military symbols, direction and location, and utilization of the declination diagram.

**241, 242. LEADERSHIP LABORATORY 1 semester hour each semester**

Emphasizes the functions, responsibilities, and duties of junior non-commissioned officers with particular attention devoted to the continued development of leadership potential.

**251. ARMY ROTC BASIC CAMP 4 semester hours**

Six weeks of training at Fort Knox, Kentucky. Training consists of Army History, Role and Mission, Map Reading/Land Navigation, Rifle Marksmanship, Basic Leadership Techniques, Physical Training/Marches, Individual and Unit Tactics, Communications, First Aid, Drill, Parades and Ceremonies, Military Courtesy, and Traditions. This course also teaches the student the ability to think and perform under pressure and can be taken by rising juniors to substitute for 111, 112, 141, 142, 211, 212, 241, and 242. Prerequisite: Pass qualification tests.

**311. INTRODUCTION TO MILITARY TEAM THEORY 2 semester hours**

Fundamentals of offensive and defensive tactics. Introduction to small unit communication systems. Internal defense operations. The role of each branch of the Army.

**312. LEADERSHIP TRAINING 2 semester hours**

Special emphasis on the psychological, physiological and sociological factors which affect human behavior. Military teaching principles and how they affect the student. Presummer camp training.

**341, 342. LEADERSHIP LABORATORY 1 semester hour each semester**

Designed to develop further leadership potential by encouraging participation in planning and conducting drills and ceremonies with emphasis directed to the functions, duties, and responsibilities of senior non-commissioned officers and juniors grade commissioned officers.

**351. ARMY ROTC ADVANCED CAMP 4 semester hours**

Normally taken the summer following junior year. The training is conducted at designated United States Army installations. This training provides cadets with practical experience in leadership, military training, small unit tactics, weapons qualifications, and communications. This internship is six weeks duration and can be substituted for by attendance to Ranger School by qualified students. Prerequisite: Military Science 312.

**411. SEMINARS IN LEADERSHIP AND PROFESSIONAL DEVELOPMENT 2 semester hours**

The relationship between commander and staff; utilization and employment of military intelligence principles; introduction to unit management and administration, introduction to military law; seminar on service life and career planning for commissioned officers.

**412. ADVANCED MILITARY TEAM THEORY AND ACTIVE DUTY ORIENTATION 2 semester hours**

A study of world change and military implications. A detailed study of Army and special type units. Introduction to various Army installations within the United States and abroad.

**441, 442. LEADERSHIP LABORATORY 1 semester hour each semester**

Emphasizes the function, duties and responsibilities of junior Army officers with special attention directed to developing advanced leadership potential through active participation in planning and conducting military drill and ceremonies.

**451. AIRBORNE TRAINING 3 semester hours**

Three weeks of intensive airborne training to include physical conditioning, landing techniques, parachute safety, simulated jumps, procedures in and around aircraft, and five combat jumps from Air Force aircraft flying at 1250 feet. Prerequisite: Selection for this training is highly competitive. Only a few cadets, nationwide, are accepted. Pass qualification test.

## Music

*Chairman, Department of Fine Arts:*

*Professors:* Artley, Westafer, J. White

*Associate Professor:* Bragg

*Assistant Professors:* Cofield, Glenn

A major in Music for the A.B. degree requires Music 111, 112, 211, 212, 311, 312, 411, 412, and either 313 and 314 or 413, plus applied music, 8 semesters of ensemble (choirs, band, orchestra), and concert attendance. Applied music requirements are met when the student has passed a proficiency test in his major performance area and has presented a formal solo recital approved by the music faculty. In addition to the degree, a diploma for outstanding performance may be earned in any area of applied music. This major should be elected by students having special interest in performance.

A major in General Music for the A.B. degree has the same courses, ensemble, and concert attendance requirements as the major in Music. A proficiency test in the major performing medium must be passed, but the presentation of a full recital is not required. This major should not be elected by students planning careers as performers or as teachers in the public schools. However, it is appropriate for students who desire to pursue graduate study in theory, composition, or musicology.

A minor in Music requires Music 111, 112, 311 or 312, four semesters of ensemble (any combination of Music 101, 102, 103), and a minimum of eight semester hours credit in one area of concentration in applied music. Students lacking functional knowledge of the keyboard must accumulate two semester hours in piano either prior to, or simultaneously with, their enrollment in Music 111, 112.

Candidates for state certification for teaching in the public schools should enroll in the program leading to a B.S. degree in Music Education. Required for the degree are Music 111, 112, 211, 212, 311, 312, 313, 314, 370, 371, 372, 375, 376, 413, and 461-462, plus applied music, 9 semesters of ensemble (at least 2 hours must be in band and/or orchestra and at least 2 in choir), and concert attendance. Applied music requirements are met when the student has passed a proficiency test and given a half-recital in his major performing medium and has met requirements in voice, piano, and other instruments. Additional course requirements are Psychology 211, 321 and 341 and Education 211, 311, 471, and 481.

All music education majors must pass their voice and piano proficiency examinations by the end of their sophomore year. If the examinations are failed at that time, the latest time they can be re-taken is the Winter Term of the junior year. If the examination has to be re-taken the entire examination must be re-taken. If the proficiency examinations are not passed by the end of the Winter Term of the junior year it will be necessary for the student to change majors.

Candidates for state certification who also meet requirements for the A.B. degree in Music are awarded the B.S. degree in Music and Music Education.

All students must appear in student recitals and musical programs at the discretion of their instructors.

Credit is granted for study in piano, voice, organ, and wind and string instruments. The general college student may, with the approval of his adviser, register for any courses offered in applied music.

- 100. PERCUSSION** **1 or 2 semester hours**  
Thirty or sixty minutes of private instruction each week.
- 101. BAND** **1 semester hour**  
Marching unit in fall, concert unit in spring.
- 102. CHOIR** **1 semester hour**  
Mixed chorus open to all students in the College.
- 103. ORCHESTRA** **1 semester hour**  
Concert group open to all interested students and townspeople.
- 110. PERCUSSION CLASS** **1 semester hour**  
For non-music majors.
- 111, 112. THE MATERIALS OF MUSIC** **4 semester hours each semester**  
A study of diatonic harmony: written and keyboard work, ear training, music reading, and harmonic analysis. Introduction to musical form and composition. Laboratory hours devoted to melodic and harmonic dictation, application of harmonic theory to the keyboard, and analysis of selected compositions. 3 class hours, 3 laboratory hours.
- 120. WIND INSTRUMENT CLASS** **1 semester hour**  
Group instruction in the playing of woodwind or brass instruments.
- 121. FLUTE** **1 or 2 semester hours**  
Thirty or sixty minutes of private instruction each week.
- 122. OBOE** **1 or 2 semester hours**  
Thirty or sixty minutes of private instruction each week.
- 123. CLARINET** **1 or 2 semester hours**  
Thirty or sixty minutes of private instruction each week.
- 124. BASSOON** **1 or 2 semester hours**  
Thirty or sixty minutes of private instruction each week.
- 125. SAXOPHONE** **1 or 2 semester hours**  
Thirty or sixty minutes of private instruction each week.
- 126. TRUMPET** **1 or 2 semester hours**  
Thirty or sixty minutes of private instruction each week.
- 127. FRENCH HORN** **1 or 2 semester hours**  
Thirty or sixty minutes of private instruction each week.
- 128. TROMBONE** **1 or 2 semester hours**  
Thirty or sixty minutes of private instruction each week.
- 129. TUBA** **1 or 2 semester hours**  
Thirty or sixty minutes of private instruction each week.
- 130. PIANO CLASS** **1 semester hour**  
For non-music majors or music majors whose primary performance area is not piano, and also for music majors whose primary performance area is piano and who are preparing for piano proficiency exam.
- 131. PIANO** **1 or 2 semester hours**  
Thirty or sixty minutes of private instruction each week.
- 140. ORGAN CLASS** **1 semester hour**  
Group instruction in pipe organ.



- 141. ORGAN** **1 or 2 semester hours**  
 Thirty or sixty minutes of private instruction each week.
- 150. VOICE CLASS** **1 semester hour**  
 Group instruction in singing.
- 151. VOICE** **1 or 2 semester hours**  
 Thirty or sixty minutes of private instruction each week.
- 160. STRINGS CLASS** **1 semester hour**  
 Group instruction in the playing of stringed instruments.
- 161. VIOLIN** **1 or 2 semester hours**  
 Thirty or sixty minutes of private instruction each week.
- 162. VIOLA** **1 or 2 semester hours**  
 Thirty or sixty minutes of private instruction each week.
- 163. CELLO** **1 or 2 semester hours**  
 Thirty or sixty minutes of private instruction each week.
- 164. BASS** **1 or 2 semester hours**  
 Thirty or sixty minutes of private instruction each week.
- 211, 212. THE MATERIALS OF MUSIC** **4 semester hours each semester**  
 A continuation of Music 111, 112 but on a more advanced level emphasizing chromatic harmony.
- 261-262. MUSIC IN THE ELEMENTARY SCHOOL** **3 semester hours each semester**  
 A study for the prospective classroom teacher of musical activities and experience appropriate for children in the elementary school, with consideration of methods, materials, and curriculum problems. Stress on the contributions of music in general education to the social and cultural life of the individual and the community. Required of all elementary education majors in Early Childhood Education. A continuous course which must be completed for credit toward a degree.
- 265. MUSIC APPRECIATION** **3 semester hours**  
 Designed for the non-music major who wishes to gain insights into the art of music and understanding of its great masterpieces. No previous music study is required. The course's objective is to provide an avenue whereby the non-musician can have his life enriched by increasing his awareness of the aesthetic values inherent in music.
- 311, 312. HISTORY OF MUSICAL STYLES AND STRUCTURES** **4 semester hours each semester**  
 A survey of the traditions, technical elements, and changing styles of western music from ancient Greece to the present, with emphasis on the place of music in the total culture. Laboratory periods for performance, listening, and detailed structural analysis of illustrative selections from music literature. 3 class hours, 3 laboratory hours.
- 313-314. CONDUCTING** **1 semester hour each semester**  
 Development of skill in baton techniques and strengthening of musicianship through interpretive analysis of scores, with special attention to intonation, balance, and phrasing. Time is provided for practical experience in rehearsal techniques by means of work with performing ensembles, both instrumental and choral.
- 370. PERCUSSION METHODS** **1 semester hour**  
 For students seeking state certification in music, with emphasis on teaching materials and methods.
- 371. BRASS METHODS** **1 semester hour**  
 For students seeking state certification in music, with emphasis on teaching materials and methods.

**372. WOODWIND METHODS**

**1 semester hour**

For students seeking state certification in music, with emphasis on teaching materials and methods.

**375. VOICE METHODS**

**1 semester hour**

For students seeking state certification in music, with emphasis on teaching materials and methods.

**376. STRINGS METHOD**

**1 semester hour**

For students seeking state certification in music, with emphasis on teaching materials and methods.

**411. COUNTERPOINT I**

**2 semester hours**

Renaissance counterpoint in two, three, and four parts, with application to various types of vocal and instrumental writing. Analysis of polyphonic compositions.

**412. COUNTERPOINT II**

**2 semester hours**

Baroque counterpoint in two, three, and four parts, with application to various types of vocal and instrumental writing. Analysis of contrapuntal compositions.

**413. INSTRUMENTAL AND CHORAL ARRANGING**

**2 semester hours**

Exploration of the technical possibilities and limitations of individual instruments and voices. Arranging for various instrumental and vocal combinations. Proficiency in transcribing piano and orchestra scores for full band.

**461-462. MUSIC EDUCATION IN THE PUBLIC SCHOOL 3 semester hours each semester**

A study of methods and materials suitable for the elementary grades, with emphasis on creative experiences for the child. An evaluation of techniques and materials for various types of musical activities and study at the junior and senior school levels. A continuous course which must be completed for credit toward a degree.

**471. SEMINAR: SPECIAL TOPICS**

**1-3 semester hours**

Small group study under the guidance of a member of the department. Advance approval of area and method of study by the department is required.

**491. INDEPENDENT STUDY**

**1-3 semester hours**

Individual study under the guidance of a member of the department. Advance approval of area and method of study by the department is required.

**571. INSTRUMENTAL METHODS FOR BAND DIRECTORS**

**2 semester hours**

Offered each summer in connection with the annual Elon College Brass Clinic for junior and senior high school students. Concentrated study in instrumental techniques and the performance of solo and ensemble music under the direction of nationally known technicians. Practical experience in the supervision of student groups. Enrollment limited to junior and senior high school band directors desiring certification renewal credit.

## Philosophy

*Chairman:* Professor Sullivan

*Assistant Professor:* Waller

A major in Philosophy requires Philosophy 111, 113, 115, two courses from Philosophy 242, 341, 342, 352, 355; four courses from Philosophy 331, 332, 333, 431, 432; Psychology 211, and 6 semester hours in either French, Greek, German, or Spanish. Recommended electives include Sociology, Political Science, Economics, English, History and Fine Arts. The philosophy program is designed to allow and encourage a major to gain a career-related minor or even a double major.

A minor in Philosophy requires Philosophy 111, 113 and 115, plus 9 semester hours of additional Philosophy courses.

**111. INTRODUCTION TO PHILOSOPHY****3 semester hours**

Introduces student to the philosophical approach to an understanding of his world and the basic issues of human experience. Examines and formulates specific contemporary problems and analyzes them in terms of the concepts and approaches of such major philosophers as Plato, Aristotle, Aquinas, Locke, Hume, Kant, and Marx. Problems will be chosen to highlight the areas of ethics, legal and political thought, and religious philosophy. A major objective is to aid the student to develop an examined and coherent philosophy of life.

**113. LOGIC****3 semester hours**

A practical course in the art of thinking based upon an examination of the different types of reasoning and the requirements of logical consistency. What is the nature of inference and evidence? — How do various disciplines employ logic? — Exercises are given in the application of logical analysis to various kinds of argumentative discourse and to the avoidance of fallacies.

**115. ETHICS****3 semester hours**

A critical study of the principles of morality based upon the classical system of ethics. Application of these principles to specific situations in which moral choices are made by individuals and policy-making bodies. Attention is given to helping the individual student develop an effective personal philosophy of value judgments.

**242. AGES AND STAGES OF LIFE****3 semester hours**

A philosophical exploration of the turning points of a life; childhood and the problem of innocence; youth and the struggle with sexuality and identity; adulthood, career, and the concept of limits; age and the response to death. The course uses the tools of existential analysis to examine biography and the life crises, drawing on both recent developmental theories and the resources of the philosophical tradition.

**271. SPECIAL TOPICS****1-3 semester hours****331. ANCIENT PHILOSOPHY****3 semester hours**

A study of the beginning of Western philosophy with concentration on the Golden Age of Greece. Focus is on Socrates, his predecessors, and his great successors, Plato and Aristotle. The thought of this period is foundational for literature and law, education and politics, theology and history.

**332. MEDIEVAL PHILOSOPHY****3 semester hours**

Designed to aid the student enter into the world view of the period 400-1400 A.D. Includes an exploration of the medieval sense of hierarchy as evidenced in the doctrine of the Great Chain of Being. Special focus is placed on (1) how Augustine adapted Plato, (2) how Aquinas came to terms with Aristotle, and (3) how these two important strands receive a poetic synthesis in Dante's *Divine Comedy*.

**333. MODERN PHILOSOPHY****3 semester hours**

Focus on the four crucial centuries (1500-1900) during which the modern Western world view developed. Specific attention given to developments in philosophical method, theory of knowledge and political philosophy. Major English and Continental thinkers such as Descartes, Locke, Hume, Kant, Hegel and Mill are studied.

**341. PHILOSOPHY OF LAW****3 semester hours**

A basic examination of the nature, function and limits of law. Attention is given to: human rights and natural justice, law and morality, theories of punishment, and questions of legal responsibility. The course is of particular interest to students of business and political science.

**342. PHILOSOPHY AND SOCIETY****3 semester hours**

A philosophical approach to the nature of society, looking toward the 21st Century. Attention is given to the nature of the person; the relation of the person to social institutions; and the problems which arise in scientific methods when man himself is the object of investigation.

**352. EASTERN PHILOSOPHY****3 semester hours**

Part I centers on ancient China and explores the *I Ching* as well as the thought of Lao Tzu and Confucius. Part II examines the insights of the Buddha and follows the Mahayana strand of Buddhism as it enters China and becomes Zen. Part III presents the spirit of Zen and its influences on the arts and culture of Japan.

**355. PHILOSOPHICAL PROBLEMS OF RELIGION****3 semester hours**

A discussion of the basic problems of thought which arise from confronting the beliefs and experiences of religious persons. What are the distinguishing characteristics of religion? — Can religious feelings and insights be expressed in common language? — By what criteria can conflicting religious beliefs be judged? — Of what value are the classical arguments for the existence of God? — What support is there for the belief in immortality? (Philosophy 355 is the same as Religion 355).

**431. CONTEMPORARY PHILOSOPHY****3 semester hours**

Designed to acquaint students with currents of philosophical thought in the twentieth century and to develop the skills of inquiry appropriate to these areas. Part I examines British analytical philosophy and considers figures such as Russell, Wittgenstein, Ayer and Austin. Part II focuses on Existentialism and considers figures such as Sartre, Camus, Heidegger and Buber.

**432. AMERICAN PHILOSOPHY****3 semester hours**

An examination of the development of the American mentality from the colonial period to the present. Special attention is given to Edwards, Emerson, Dewey and Skinner as representative figures in the development of American culture. The course is of special interest to students of literature and history.

**471. SEMINAR: SPECIAL TOPICS****3 semester hours**

An in-depth investigation of the philosophical foundations of a selected discipline or of special problematics having philosophical implications.

**491. INDEPENDENT STUDY****1-3 semester hours**

## Physical Education and Health

*Chairman, Department of Health, Physical Education and Recreation:*  
Professor A. White

*Associate Professors:* Brown, Kelly

*Assistant Professors:* Beedle, Jackson, Johnson, Morningstar, Tolley, Yarborough

*Instructors:* Ballard, M. Carden, Ferguson, Gaskill

A major in Physical Education requires Physical Education 161 or 162, 211, 221, 261 or 262, 321, 411, 422, Biology 261-262, plus completion of at least one of the following three emphasis components:

- (1) Teacher certification for Physical Education requires Physical Education 120, 161 or 162 (one not taken in Core), 261 or 262 (one not taken in Core), 310, 360, 363, 365; one course from Physical Education 372, 373, 374, 377, 378; Physical Education 410 and 423. Additional requirements for teacher certification are Psychology 211, 321, 331, 341; Education 211, 311, 322, 471, 472e, 481; and at least 3 semester hours of Mathematics.

Students who desire teacher certification in the area of Health Education in addition to Physical Education teacher certification must complete the following requirements: Physical Education 120, 410, 423; Biology 201; Psychology 332; and Sociology 211.

- (2) Community Recreation requires Recreation 211, 322, 323, 424, 425, 481 (6 semester hours); Business Administration 302; Communications 210; and Physical Education 310. Recreation courses are listed under a separate heading in this catalog.
- (3) Commercial Leisure and Sports Management requires Accounting 211, 212; Business Administration 302, 311, 323; Economics 212; Recreation 424; Physical Education 109 and 310. Recommended electives include Business Administration 312 or 316 and Recreation 481.

Additional requirements for all emphasis components: (1) Each Physical Education major must purchase a regulation Physical Education uniform for use in all professional preparation courses. (2) Each Physical Education major must participate in two semesters of intramural or intercollegiate athletics.

A minor in Physical Education with a coaching concentration requires Physical Education 211, 221, 310, 410; two courses from Physical Education 372, 373, 374, 377, 378; and Physical Education 471 (Seminar in Athletic Coaching — 3 semester hours).

A minor with a Physical Education concentration requires Physical Education 162, 211, 221, 261 or 262, 360 or 365, 410, 411.

A minor in Recreation requires Recreation 211, 322, 323, 424, 481 (3 semester hours), and Physical Education 221.

**100. TENNIS AND BADMINTON** **1 semester hour**  
Progressive development of skills and strategies involved in the games of tennis and badminton. Rules, safety factors and etiquette are also stressed.

**101. HANDBALL AND RACQUETBALL** **1 semester hour**  
Progressive development of skills and strategies involved in the games of handball and racquetball. Rules, safety factors and etiquette are also stressed.

**102. ELEMENTARY GYMNASTICS** **1 semester hour**  
Progressive development of the basic skills in the areas of apparatus, floor exercise and tumbling.

**103. DANCE SURVEY** **1 semester hour**  
Study and participation in a wide variety of folk and square dances and the fundamentals of modern and social dancing.

**104. MODERN DANCE** **1 semester hour**  
Study and participation in modern dance techniques and styles as well as a study of the history, the choreography and outstanding modern dance personalities.

**105. GOLF AND ARCHERY** **1 semester hour**  
Progressive development of skills and strategies in the sports of golf and archery. Laboratory fee \$15.00.

**106. BEGINNING SWIMMING** **1 semester hour**  
The learning sequence is mental and physical adjustment to the water; buoyancy and body position; coordinating strokes pertaining to methods of finning, sculling, treading water; elementary and resting back stroke, back crawl and front crawl, water entries, personal safety, survival floating, underwater swimming and elementary forms of rescue.

**107. INTERMEDIATE TO ADVANCED SWIMMING** **1 semester hour**  
Review of basic swimming strokes, introduction of advanced strokes, survival swimming and basic spring-board diving. Recommended to persons who plan to obtain their senior life saving and water safety instructor's certificates.

**108. SENIOR LIFE SAVING AND SURVIVAL SWIMMING** **1 semester hour**  
The course is designed to cover the areas of advanced swimming and life saving, with emphasis placed on personal safety around water. Prerequisite: Be able to do the front crawl, side stroke and breast stroke or have passed PE 106 or 107 with a C or better.

**109. OVERLOAD CONDITIONING** **1 semester hour**  
Progressive development of physiological fitness designed to meet the needs of the individual student. Includes weight training and cardio-respiratory training.

**110. SNOW SKIING — BEGINNER TO ADVANCED** **1-3 semester hours**  
An introduction to snow skiing which permits the student to advance at his own rate. All work conducted at ski site. Offered during Christmas holidays (1 hour credit), and Winter Term (3 hours credit only). Extra fees required. (For details, consult Physical Education Department Staff.)



**120. CONTEMPORARY HEALTH PROBLEMS  
AND PROCEDURES OF PRESENTATION****3 semester hours**

A study of contemporary health problems and issues. Topics for discussion include mental health, drug abuse, human sexuality, physical fitness, nutrition, and diseases. Includes methods of presentation of selected topics appropriate for public school students.

**161, 162. LIFETIME SPORTS SKILLS LABORATORY****2 semester hours**

Methods, materials, techniques and skills in teaching lifetime sports skills. Includes golf, archery, tennis, badminton, gymnastics, aquatics. Majors and minors only. Laboratory fee \$15.00 for PE 161.

**208. WATER SAFETY INSTRUCTORS COURSE****2 semester hours**

This course is designed to enable a student to become an expert on swimming and lifesaving skills. WSI certification may be awarded. Recommended only for persons who have previously mastered senior lifesaving skills.

**209. SKIN AND BASIC SCUBA DIVING****2 semester hours**

The course is designed to cover basic skin diving: laws of physics pertaining to the following: temperature, buoyancy, humidity, vision, acoustics, gas laws, direct and indirect effects of pressure; marine life and environment; medical aspects of diving; first aid; SCUBA mechanics; how to read the decompression table; how to plan a SCUBA dive. Awards: YMCA basic SCUBA certification. Prerequisites: 15 years of age, pass a swim test, medical exam and payment of \$100.00 before the SCUBA work begins.

**211. HISTORY AND PRINCIPLES OF HEALTH,  
PHYSICAL EDUCATION AND RECREATION****3 semester hours**

An introductory study in the history of health education, physical education and recreation; philosophical, psychological, physiological, and sociological background for the teaching of health and physical education; basis for programs and organization of activities.

**220. FIRST AID (Non-Majors Only)****3 semester hours**

Emphasis placed upon the use of the Red Cross method of First Aid and CPR training. Opportunities to develop practical skills which simulate application of First Aid procedures to real-life emergencies.

**221. SPORTS MEDICINE/FIRST AID (Majors Only)****3 semester hours**

Emphasis is placed on the prevention and treatment of athletic injuries in various sports. Basic physiological and anatomical functions of the athlete are discussed. Basic first aid and CPR training are offered.

**260. SAFE DRIVING****3 semester hours**

The principles of teaching basic driving skills, including defensive driving, observation and interpretation of motor vehicle laws, adverse driving conditions, and care and use of the automobile. Classroom instruction and in-car instruction. Laboratory fee \$10.00.

**261, 262. TEAM SPORTS SKILLS LABORATORY****2 semester hours each semester**

Methods, materials, techniques and skills in teaching team sports. Includes soccer, field hockey, volleyball, basketball, softball and track and field. Majors and minors only.

**270. OFFICIATING****2 semester hours**

Designed to provide a thorough study of rules and mechanics of sport officiating. Practical experience in officiating may be provided in the area of the sports selected at the community and little leagues, junior high, and junior varsity levels.

**310. MOTOR LEARNING THEORY FOR  
TEACHING AND COACHING****3 semester hours**

Emphasis is placed upon qualities of the coach, influencing and controlling behavior during sports activities, vital relationships within the school and community, organization and planning for practice, training rules and how to enforce them, motivation and coaching ethics. Includes special study of contemporary, controversial athletic issues.

**321. KINESIOLOGY****3 semester hours**

The study of the musculo-skeletal system as it relates to physical and sports skills and the mechanical analysis of sports skills. Prerequisite: Biology 261.

**360. METHODS AND MATERIALS OF EARLY  
CHILDHOOD PHYSICAL EDUCATION (K-3)**

**3 semester hours**

Designed for early childhood teachers. Emphasis placed on movement education and basic skills teaching with opportunity for laboratory experience.

**361. METHODS AND MATERIALS OF INTERMEDIATE  
SCHOOL PHYSICAL EDUCATION (4-9)**

**3 semester hours**

Designed for intermediate teachers of Health and Physical Education. Various teaching methods, including a movement approach, for teaching basic skills and specific sports skills are explored. Opportunity is given for laboratory experience.

**363. METHODS AND MATERIALS OF GYMNASTICS**

**2 semester hours**

A study of gymnastics' teaching methods for the secondary and elementary school levels. Skill development, teaching techniques, and safety procedures are emphasized. Prerequisite: Physical Education major or P.E. 102 and permission of the instructor.

**365. METHODS AND MATERIALS OF DANCE**

**3 semester hours**

Fundamental movements, basic rhythmic techniques, and basic dance steps. Includes folk dance, social dance, square dance, and creative dance, with emphasis on teaching methodology at the elementary and secondary school levels.

**372. METHODS OF COACHING FOOTBALL**

**2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching football.

**373. METHODS OF COACHING BASKETBALL**

**2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching basketball.

**374. METHODS OF COACHING TRACK  
AND FIELD AND BASEBALL**

**2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching track and field and baseball.

**377. METHODS OF COACHING WRESTLING AND SOCCER**

**2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching wrestling and soccer.

**378. METHODS OF COACHING FIELD  
HOCKEY AND VOLLEYBALL**

**2 semester hours**

A study of appropriate terms, drills, methods and strategy for coaching field hockey and volleyball.

**410. ORGANIZATION AND ADMINISTRATION OF  
HEALTH, PHYSICAL EDUCATION AND ATHLETICS**

**3 semester hours**

A study of appropriate organizational and administrative techniques needed to design and implement programs of physical education, health, intramurals, and athletics in schools and colleges or other appropriate settings.

**411. TESTS AND MEASUREMENTS IN HEALTH  
AND PHYSICAL EDUCATION**

**3 semester hours**

Includes techniques of the administration of basic motor ability tests, skill tests, and tests of associated and concomitant learnings in physical education and means of utilizing test data for specified purposes.

**422. PHYSIOLOGY OF EXERCISE**

**3 semester hours**

The study of the effects of exercise on the body. Included are the effects of various types of exercise training programs and the evaluation of physical fitness. Laboratory activities include determination of reaction time, muscular strength, somatotype and body composition. Prerequisites: Biology 261-262.

**423. ADAPTIVE PHYSICAL EDUCATION**

**3 semester hours**

A presentation of the various types of handicapped conditions of children and young adults and the modes in which physical education can be adapted to meet the specific needs and interests of these groups.

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours**

Topics selected to meet the needs and interests of students. Open to all Physical Education majors and minors or by permission of the Physical Education Department.

**481. INTERNSHIP IN PHYSICAL EDUCATION****1-6 semester hours**

This course is designed to give the student practical experience in Physical Education or Athletics.

**491. INDEPENDENT STUDY****1-3 semester hours**

## Physics

*Chairman, Department of Physical Sciences: Associate Professor Mullen*  
*Associate Professor: Harris*

A major in Physics requires Physics 111, 112, 211, 212, 311, 312, 411, 421, 422; Mathematics 121, 221, 222, 421; Chemistry 111, 112. Students planning to attend graduate school should take Physics 412, 471 and Mathematics 311, 321, 425, 426. Students planning to teach in high school should take Biology 111-112 in addition to required courses.

A minor in Physics requires Physics 111, 112, 201, and three courses chosen from Physics 211, 212, 311 and 312.

**101. BASIC CONCEPTS OF PHYSICS****4 semester hours**

Designed to meet partially the general requirement of the College. Topics from mechanics, thermodynamics, electricity and magnetism, wave motion, and atomic structure. Lecture and laboratory. No credit given to students having prior credit for Physics 111.

**102. FUNDAMENTALS OF ASTRONOMY****3 semester hours**

A basic course designed to acquaint the non-science major with the many aspects and triumphs of astronomy as a modern science. Special emphasis on contemporary achievements. Lectures, laboratories and trips to nearby facilities. Prerequisite: Physics 101 or permission of instructor. Winter term only.

**103. FUNDAMENTALS OF PHOTOGRAPHY****3 semester hours**

A basic course providing an introduction to black and white photography. Topics include use of the adjustable 35 mm single-lens reflex camera, film processing, projection printing, and preparation of the finished mounted print. 2 class hours and 2 laboratory hours per week.

**111, 112. GENERAL PHYSICS****4 semester hours each semester**

An introductory course including topics from mechanics, thermodynamics, electricity, magnetism, optics, atomic and nuclear physics. 3 lectures and 1 laboratory session per week. Corequisite: Mathematics 112.

**201. FUNDAMENTALS OF ELECTRONIC INSTRUMENTATION****3 semester hours**

A survey of the fundamentals of electronic instrumentation designed primarily for science majors. Emphasis is on the operational aspects of electronics including basic circuit theory, devices and components, power supplies, amplifiers and hands-on experience with a variety of electronic measuring instruments. 2 class hours, 2 laboratory hours. Prerequisites: Physics 111, 112 or permission of instructor.

**211, 212. MECHANICS AND HEAT****3 semester hours each semester**

An introduction to classical mechanics and thermodynamics. Topics to include kinematics, Newton's Laws of motion, harmonic motion, central forces, rigid body motion, and the First and Second Laws of thermodynamics. Prerequisites: Physics 111, 112. Corequisite: Mathematics 121.

**260. A SURVEY OF THE PHYSICAL SCIENCES  
 FOR ELEMENTARY EDUCATION MAJORS**
**4 semester hours**

(Same course as Chemistry 260. See Chemistry 260 for description.)

**311, 312. ELECTROMAGNETISM AND OPTICS****3 semester hours each semester**

Fundamental concepts of electromagnetics. Electric and magnetic fields; Maxwell's equations; electromagnetic radiation; and geometrical and physical optics are topics to be included. Prerequisites: Physics 111, 112. Corequisite: Mathematics 121.

**391. INDEPENDENT STUDY****1 or 2 semester hours each semester**

Library and/or laboratory research by the individual student. Open to students at all levels. Prerequisite: permission of Physics staff. Maximum total credit, 8 semester hours.

**411, 412. MODERN PHYSICS****3 semester hours each semester**

First semester to include early quantum theory and special relativity, statistical mechanics, atomic and nuclear physics. Second semester devoted to quantum mechanics and applications to atomic and nuclear systems. Prerequisites: Physics 111, 112. Corequisite: Mathematics 222.

**421, 422. ADVANCED LABORATORY****1 semester hour each semester**

Experiments in mechanics, thermal physics, electromagnetics, optics and atomic and nuclear physics designed to demonstrate physical phenomena, introduce research techniques, and provide training in the careful measurement of physical quantities. 3 laboratory hours per week. Senior physics majors only.

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours**

Advanced topics selected to meet the needs and interests of the students. Admission by permission of the department.

## Political Science

*Chairman, Department of Social Sciences:* Associate Professor Watts

*Associate Professors:* Baxter, Long, Zarzar

*Assistant Professor:* G. Taylor

A major in Political Science requires Political Science 111, 212, 231, 471 (Senior Seminar — 3 semester hours), plus 21 additional hours in Political Science. Other requirements are Computer Information Science 111; Economics 211, 212; History 211, 212; and Mathematics 265.

A minor in Political Science requires Political Science 111, 212, 231, plus 9 additional hours of Political Science. Students electing to minor in Political Science are urged to concentrate the 9 elective hours in one of the specialized areas of Political Science.

**111. INTRODUCTION TO POLITICAL SYSTEMS****3 semester hours**

A general introduction to the basic concepts of politics and to the nature and functions of political systems and institutions both public and private. The approach utilized in this course is descriptive, analytical, evaluative and prescriptive.

**211. INTRODUCTION TO PUBLIC ADMINISTRATION****3 semester hours**

(Same course as Public Administration 211. See Public Administration 211 for description.)

**212. RESEARCH METHODS IN SOCIAL SCIENCE****3 semester hours**

Introduction to an examination of basic scientific methods, broadly defined to include problems of definition, concept formation, hypothesis testing, explanation and prediction. Included is a critical analysis of research problems which are susceptible to the use of quantitative data. (Political Science 212 is the same as Public Administration 212 and Sociology 212.)

**231. NATIONAL GOVERNMENT IN THE UNITED STATES****3 semester hours**

A study of the structure and functioning of the national government, including its constitutional basis; the system of separation of powers, checks and balances, operation of the executive, legislative, and judicial branches. An analysis of basic problems related to the system of federal government.

- 232. STATE AND LOCAL GOVERNMENT IN THE UNITED STATES** 3 semester hours  
A study of the structure and functioning of the state and local government and its role within the federal system. The organization, functions, powers and methods of the state, county, and municipal government, and the role of the individual citizen.
- 241. INTERNATIONAL RELATIONS** 3 semester hours  
A study of analysis of the basic factors which determine international politics and relations among the nations including the practice of diplomacy, the development of the nation-state system, international law, and international cooperation and organization.
- 252. INTRODUCTION TO POLITICAL THEORY** 3 semester hours  
A study of the major concepts and systems of political theory and ideology from classical antiquity to the present. A survey and analysis of the major developments in political thought and ideas which contributed to the evolution of modern government in both its democratic and authoritarian forms. Prerequisites: Political Science 111 or permission of instructor.
- 271. SEMINAR: SPECIAL TOPICS** 1-3 semester hours  
A specialized study by small groups or those participating in travel programs for credit in Political Science. Does not satisfy major seminar requirements. May be repeated for credit.
- 311. ADMINISTRATION OF PUBLIC POLICIES** 3 semester hours  
(Same course as Public Administration 311. See Public Administration 311 for description.)
- 331. COMPARATIVE EUROPEAN GOVERNMENTS** 3 semester hours  
A comparative study of major European political systems.
- 332. POLITICS AND GOVERNMENTS OF THE MIDDLE EAST** 3 semester hours  
This course attempts a synthesizing review of the most significant forces and problems affecting contemporary politics and governments of the Middle East. It emphasizes the contrasts between democratic and authoritarian forms of governments. A structural-functional analysis is utilized. Offered alternate years.
- 341. UNITED STATES FOREIGN POLICY TO 1939** 3 semester hours  
(Same course as History 341. See History 341 for description.)
- 342. UNITED STATES FOREIGN POLICY SINCE 1939** 3 semester hours  
A study of the foreign relations, foreign policy, and international politics of the United States since 1939. Examines the United States in the international arena as a world power. Prerequisites: History 211, 212, and Political Science 231; or permission of the instructor. (Political Science 342 is the same as History 342.)
- 345. DIPLOMATIC PRACTICES** 3 semester hours  
Knowledge and practical experience of the observational, analytical and decision-making skills associated with the formulation and practice of diplomacy. Readings, film strips, role playing, lectures, and classroom simulations are used to provide variety in instructional techniques. Enrollment limited to junior and senior political science, history or social sciences majors, or with prior approval of instructor. Winter term only.
- 350. MODERN POLITICAL THOUGHT** 3 semester hours  
A study and analysis of the major political concepts and ideas, including the great issues of politics from the 19th century to the present day, using both behavioral and non-behavioral methodological approaches. Prerequisites: Political Science 111 or permission of instructor.
- 351. PROBLEMS AND ISSUES IN PUBLIC ADMINISTRATION** 3 semester hours  
(Same course as Public Administration 351. See Public Administration 351 for description.)
- 375. THE PRESIDENT, CONGRESS AND PUBLIC POLICY** 3 semester hours  
A seminar which investigates the formulation and implementation of public policy in the United States, with emphasis on the roles of the President, Congress, and the public in the policy process. Prerequisite: Political Science 231. Offered alternate years.
- 381. INTERNSHIP IN POLITICAL SCIENCE** 3 semester hours  
Designed to meet the needs of the student in gaining practical experience in his field. Pre-law



students may use this course in working in the office of an attorney, or work may be undertaken in local, state, or federal government. Normally arranged on an individual basis with an instructor in Political Science.

#### **420. WORKSHOP IN POLITICS**

**3 semester hours**

Personal experience in the political system of the U.S. is gained through active participation in a political campaign. Each student is required to work as an intern for a candidate or political party of his own choosing during the campaign. Regular seminars are held to exchange views and compare election and electioneering theory with the student's experiences. Normally offered during the fall semester of election years.

#### **431. POLICY ANALYSIS AND PROGRAM EVALUATION**

**3 semester hours**

(Same course as Public Administration 431. See Public Administration 431 for description.)

#### **471. SEMINAR: SPECIAL TOPICS**

**1-3 semester hours**

An advanced study and intensive research in selected topics of Political Science related to the preparation, needs, and special interests of the majors. Open only to seniors majoring in History, Political Science, Public Administration, or with permission of instructor.

#### **481. INTERNSHIP IN POLITICAL SCIENCE**

**1-3 semester hours**

Prerequisites: 6 semester hours from Political Science 111, 231 and Public Administration 211.

#### **491. INDEPENDENT STUDY**

**1-3 semester hours**

## **Psychology**

*Chairman, Department of Education and Psychology:* Assistant Professor P. Williams

*Associate Professors:* Brogan, Simon

*Assistant Professors:* Granowsky, Harper, Higgs, Looney

*Instructor:* Soliday

A minor in Psychology requires Psychology 211, 321, 331, 332; Mathematics 265 or Sociology 212; plus 6 semester hours selected from Psychology courses, Human Services 431, and Philosophy 242.

#### **211. GENERAL PSYCHOLOGY**

**3 semester hours**

An overview of the facts and principles of human development, learning, motivation, intelligence, personality, abnormal reactions, and social interaction.

#### **231. SOCIAL PSYCHOLOGY**

**3 semester hours**

(Same course as Sociology 231. See Sociology 231 for description.)

#### **271. SPECIAL TOPICS**

**1-3 semester hours**

#### **321. EDUCATIONAL PSYCHOLOGY**

**3 semester hours**

Psychological principles involved in the process of teaching and learning; the nature of intelligence; motivation, individual differences, and emotional influences; the evaluation of learning. Prerequisite: Psychology 211.

#### **331. PSYCHOLOGY OF CHILDHOOD**

**3 semester hours**

The general principles of growth and development of the child through adolescence, emphasis upon the intellectual, physical, emotional and social development of the child through elementary school age. Prerequisite: Psychology 211.

#### **332. PSYCHOLOGY OF EXCEPTIONALITY**

**3 semester hours**

The study of the origins, symptoms and sequences of development of exceptional children who are emotionally, physically or mentally handicapped and those who are gifted and talented. An internship in a local school is required. Prerequisite: Psychology 211.

#### **341. PSYCHOLOGY OF ADOLESCENCE**

**3 semester hours**

The general principles of growth and development of the child through adolescence; emphasis

upon intellectual, physical, and emotional changes during adolescence and the interrelation of all aspects of the child's development; adjustment problems in the development of the individual personality. Prerequisite: Psychology 211. Scheduled in conjunction with student teaching and internship in Human Services.

#### **421. THEORIES OF PERSONALITY**

**3 semester hours**

A survey of the major theories of personality and motivation including psychoanalytic theories, social psychological theories, phenomenological theories, humanistic theories and behavior theories. Attention is also given to a variety of methodological approaches to the assessment of personality. Prerequisite: Psychology 211.

#### **471. SEMINAR: SPECIAL TOPICS**

**1-3 semester hours**

#### **491. INDEPENDENT STUDY**

**1-3 semester hours**

## **Public Administration**

*Chairman, Department of Social Sciences: Associate Professor Watts*  
*Assistant Professor: G. Taylor*

A major in Public Administration requires Public Administration 211, 212, 311, 431; Political Science 231, 232; Accounting 211; Business Administration 323; Communications 210; Economics 211, 212, 322; Sociology 231; and Business Administration 329 or Computer Information Science 111. Additional requirements include six courses chosen from Public Administration 351; Political Science 375, 381, 471; Business Administration 325, 412; Economics 313, 321, 413; Geography 321, 351; History 211, 212; and Human Services 211.

A minor in Public Administration requires Public Administration 211, 212, and 431; plus 9 semester hours from Public Administration 311, 351, Political Science 231, and Business Administration 323, 325, 412.

#### **211. INTRODUCTION TO PUBLIC ADMINISTRATION**

**3 semester hours**

A study of the basic principles of organization, location of authority, fiscal management, personnel management, and forms of administrative action in the public service. (Public Administration 211 is the same as Political Science 211.)

#### **212. RESEARCH METHODS IN SOCIAL SCIENCE**

**3 semester hours**

(Same course as Political Science 212 and Sociology 212. See Political Science 212 for description.)

#### **271. SPECIAL TOPICS**

**1-3 semester hours**

#### **311. ADMINISTRATION OF PUBLIC POLICIES**

**3 semester hours**

A study of policymaking and the implementation of policies in government, with emphasis on the role of the bureaucracy in this process. Prerequisite: Public Administration 211. (Public Administration 311 is the same as Political Science 311.)

#### **351. PROBLEMS AND ISSUES IN PUBLIC ADMINISTRATION**

**3 semester hours**

A study of major current problems and issues in public policy-making and administration, including crime, energy, equality, ethics in government, inflation, poverty, and protection of the environment. Prerequisite: Public Administration 211. (Public Administration 351 is the same as Political Science 351.)

#### **431. POLICY ANALYSIS AND PROGRAM EVALUATION**

**3 semester hours**

An examination of two aspects of the policy process for the decision-maker; Policy Analysis, which precedes program implementation and attempts to influence the decision-making; and Program Evaluation, which is a method of determining the degree to which a program is meeting its objectives, and the effects created by the program. Prerequisite: Public Administration 211. (Public Administration 431 is the same as Political Science 431.)

**471. SEMINAR****3 semester hours**

Advanced topics selected to meet the needs of the students who have completed most of their study in Public Administration. Open to seniors majoring in Public Administration, Political Science, History, or with permission of the instructor.

**481. INTERNSHIP IN PUBLIC ADMINISTRATION****1-6 semester hours**

Prerequisites: Public Administration 211 plus 3 semester hours in Public Administration or Political Science.

## Radio Broadcasting

The Radio Broadcasting program is listed under Communications.

## Radiologic Technology

*Chairman, Department of Biology and Allied Health:* Associate Professor Ryals

*Coordinator:* Associate Professor Rao

The requirements for the Bachelor of Applied Science in Radiologic Technology consist of (1) completion of a 24-month, A.M.A. approved program in Radiologic Technology; (2) certification by the American Registry of Radiologic Technologists (ARRT); (3) completion of the general education distribution requirements; (4) one full academic year of study at Elon; and (5) completion of the following specific course requirements: Biology 111-112, Chemistry 111, 112, Communications 210, Economics 211, Mathematics 111, Physics 101, Psychology 211 and 321, plus a minimum of three semester hours of electives. The student has the option of completing the clinical phase of the program either before or after completion of the course requirements at Elon. If the program is initiated at Elon, the College will provide assistance for the student in locating and gaining admission to an approved clinical program.

## Recreation

*Chairman, Department of Health, Physical Education and Recreation:* Professor A. White

*Associate Professor:* Brown

*Assistant Professor:* Beedle

*Instructor:* Gaskill

Community Recreation is one of the emphasis options for the Physical Education major. Please refer to the Physical Education and Health section of this catalog for the requirements.

A minor in Recreation requires Recreation 211, 322, 323, 424, and Physical Education 221 and 481 (3 semester hours).

**211. INTRODUCTION TO COMMUNITY RECREATION****3 semester hours**

A study of the nature and history of leisure, play and recreation as they relate to contemporary community recreation services.

**322. RECREATION LEADERSHIP AND PROGRAMMING****3 semester hours**

Emphasis on the leadership and group dynamics processes as they pertain to the professional recreation setting; principles and approaches to recreational programming.

**323. RECREATION SERVICES FOR SPECIAL POPULATIONS****3 semester hours**

The study of the historical and societal factors affecting the present status, care, treatment and recreation of the mentally and physically handicapped in the United States.

**424. ORGANIZATION AND ADMINISTRATION  
OF COMMUNITY RECREATION****3 semester hours**

Designed to provide a thorough study of the background, organization and principles of the public recreation administration process.

**425. OUTDOOR RECREATION SERVICES****3 semester hours**

A study of outdoor recreation policies, programs and activities. Contemporary issues and environmental quality are also emphasized.

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours****481. INTERNSHIP IN RECREATION****1-6 semester hours**

This course is designed to give practical experience in community recreation, YMCA or commercial leisure establishments.

## Religion

*Chairman, Department of Religion:* Assistant Professor W. Rich

*Associate Professor:* C. White

*Assistant Professors:* Chase, Pace, Willson

A major in Religion requires Religion 111, 112, 241, 252, 471 (Senior Seminar — 3 semester hours), plus 21 semester hours of additional Religion courses; two courses from Philosophy 111, 331 and 332; Psychology 211; Sociology 111. Greek 111-112 are recommended for all Religion majors, and Greek 211, 212 may be substituted for Religion courses with departmental approval.

A minor in Religion requires 18 semester hours of Religion courses. At least 9 of these hours must be taken in courses beyond the 200 level.

**111. INTRODUCTION TO THE OLD TESTAMENT****3 semester hours**

The development of the Hebrew people by way of their history, literature, and religion as viewed against the background of ancient Near Eastern culture and modern archaeological discoveries.

**112. INTRODUCTION TO THE NEW TESTAMENT****3 semester hours**

The rise and development of Christianity and its literature; special attention is given to the canonical books of the New Testament.

**215. RELIGIOUS THINKING****3 semester hours**

An introduction to the study of religion including religion and society and the diversity in religion. Open to freshmen and sophomore students only.

**241. RELIGIOUS VALUES AND DECISION MAKING****3 semester hours**

A practical introductory study of religious values, their relationship to the decision-making process, and the dimensions of the decision-making process itself. Fundamental values of the Judeo-Christian tradition are explored.

**252. WORLD RELIGIONS****3 semester hours**

The origin, progress, and current status of the major living religions of the world.

**271. SPECIAL TOPICS****1-3 semester hours****321. ARCHAEOLOGY OF THE ANCIENT NEAR EAST****3 semester hours**

A survey of major archaeological research as it relates to the Near East, with particular emphasis on Egypt, Palestine and Mesopotamia. Attention is given to methods of archaeology, prominent excavations, and significant artifacts.

**322. OLD TESTAMENT PROPHETS****3 semester hours**

A study of the background, personal characteristics, function, message, and present significance of the Hebrew prophets. Prerequisite: Religion 111 or 112.

**324. THE INTERTESTAMENTAL PERIOD****3 semester hours**

The historical situation and environment from which early Christianity emerged; developments in Hellenism and Judaism; the period of the Maccabees; religious ideas and institutions of the pre-Christian era. Prerequisite: Religion 111 or 112.

**326. THE WRITINGS OF PAUL****3 semester hours**

An analysis of major motifs in Paul's theology by means of an interpretation of his New Testament writings. Prerequisite: Religion 111 or 112.

**327. THE GOSPEL OF JOHN****3 semester hours**

A study of the key motifs in the theology of the Gospel of John. Special emphasis on the sources, the various stages of composition, and the literary and rhetorical characteristics. Prerequisite: Religion 111 or 112.

**328. THE SYNOPTIC GOSPELS****3 semester hours**

A study of the origin, composition, form, content and theological perspective of Mark, Matthew, and Luke. Tools of contemporary biblical scholarship are used to analyze and interpret each of the Gospels. Current substantive interpretations of the Gospels are considered. Prerequisite: Religion 111 or 112.

**334. MODERN RELIGIOUS THINKERS****3 semester hours**

An examination of the methods and programs of contemporary thinkers in religion and theology with special attention to seminal thinkers within the Christian tradition.

**341. CHRISTIAN ETHICS****3 semester hours**

A systematic and biblically based study of the types and principles of Christian ethical theory with special attention to the analysis of selected personal and social ethical issues. Prerequisite: Religion 111 or 112.

**345. THEOLOGY OF HUMAN LIBERATION****3 semester hours**

Analysis of contemporary types of liberation theology such as third-world liberation, Black liberation, and women's liberation through a study of significant representative writings. Particular attention will be paid to the ultimate goal of human liberation which lies beyond individual representative types.

**355. PHILOSOPHICAL PROBLEMS OF RELIGION****3 semester hours**

(Same course as Philosophy 355. See Philosophy 355 for description.)

**365. LITERATURE AND THEOLOGY****3 semester hours**

(Same course as English 365. See English 365 for description.)

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours**

Small group study of selected topics or themes in religion. Open only to Religion majors or minors who have Junior or Senior standing or by special permission of the instructor. Prerequisites: Religion 111 and 112. Maximum of 6 semester hours per student.

**491. INDEPENDENT STUDY****1-3 semester hours**

Individual study of some area of special interest under the guidance of a member of the department. Open only to Religion majors or minors who have Junior or Senior standing or by special permission of the instructor. Prerequisites: Religion 111 and 112. Maximum of 6 semester hours per student.

## Social Science

*Chairman, Department of Social Sciences:* Associate Professor Watts  
*Professors:* Anderson, Delp, Moncure

*Associate Professors:* Crowe, Long, Toney, C. Troxler, G. Troxler, Zarzar

*Assistant Professors:* Cates, Henricks, R. Holt, McBee, G. Taylor, Davis

A major in Social Science requires Economics 212; Geography 121, 131; History 111, 112; Political Science 111 or 241; 231; Psychology 211; Sociology 111, 112; Public Administration/Political Science/Sociology 212; plus



18 semester hours in one of the following areas (concentrations): Geography, History, Political Science, Public Administration, Sociology. Specific concentration course requirements may be stipulated.

Social Science majors receiving teacher certification must complete History 211, 212 and either Geography 311 or 321 instead of 121, in addition to the required Social Science major and professional education courses. (History 211, 212 may be used in partial fulfillment of the required 18 semester hours in one of the Social Sciences.) The following courses are recommended electives for the Social Science majors receiving teacher certification: Communications 210, Fine Arts 211; and Religion 111, 112.

### **203. PRACTICUM IN STUDENT DEVELOPMENT**

**1 or 2 semester hours**

A study-practical experience course designed to develop competency in interpersonal relations, to present the residence hall as a community, to gain an understanding of personal and community problems, and to study change and its influence upon persons and structures. Open to all students and required of all Resident Counselors. Those completing all reading assignments, training sessions, work projects, and a journal will receive a letter grade and two semester hours of credit; those participating in all training sessions and work projects will receive a passing or failing grade and one semester hour of credit.

## **Sociology**

*Chairman, Department of Social Sciences:* Associate Professor Watts

*Assistant Professors:* Davis, Henricks, McBee

A major in Sociology requires Sociology 111, 212, 311, 351, plus 18 semester hours of additional Sociology courses; Computer Information Science 111; Mathematics 265; and 6 semester hours selected from Geography 351, History 343, Human Services 231, and Philosophy 113 and 342.

A minor in Sociology requires Sociology 111, 211, plus 15 semester hours selected from Sociology courses and/or Philosophy 342.

### **111. INTRODUCTORY SOCIOLOGY**

**3 semester hours**

An introduction to the basic theoretical principles and research methods distinctive of modern sociology. Among the issues considered are the relationship between culture, personality, and society; the fundamental forms of social structure; social institutions, such as religion and the family; and basic social processes, such as deviance and social change.

### **112. ANTHROPOLOGY**

**3 semester hours**

An exploration of the meaning of human nature as this has developed over time and is given expression in human societies. Emphasis is placed on the physical evolution of the human species, on methods used to study both physical and social evolution, on the nature and development of human language, and on the meaning and variation of culture throughout the world's societies.

### **211. SOCIAL PROBLEMS**

**3 semester hours**

An examination of various public issues which attempts to dispel persistent fallacies regarding these issues and to provide a distinctively sociological framework for such investigations. Course focuses on causes, consequences, and treatment of such problems as poverty, crime, discrimination, mental disorders, drug abuse, violence, and population pressures. Prerequisite: Sociology 111.

### **212. RESEARCH METHODS IN SOCIAL SCIENCE**

**3 semester hours**

(Same course as Political Science 212 and Public Administration 212. See Political Science 212 for description.)

### **231. SOCIAL PSYCHOLOGY**

**3 semester hours**

An examination of the ways in which individuals are influenced by their relationships with others in society. Initial attention is given to major theories and methods of research in this discipline. Within this framework, the course considers the difference between humans and animals, the

origins and development of the self-concept, the formation of attitudes and factors causing them to change, affiliation, aggression, altruism, and group dynamics. Prerequisite: Sociology 111. (Sociology 231 is the same as Psychology 231.)

## **271. SPECIAL TOPICS**

**1-3 semester hours**

### **311. THE FAMILY**

**3 semester hours**

An investigation of the family as an institution in societies. Focus is upon both the development of and current patterns in the American family. Specific topics include social class differences, racial and ethnic variations, premarital patterns, marital interaction, family problems, and the future prospects for the family. Prerequisite: Sociology 111.

### **313. CRIME AND DELINQUENCY**

**3 semester hours**

An analysis of juvenile delinquency and adult crime as categories of social behavior. Course considers both causes and consequences of such phenomena. Particular attention is given to the social organization of criminals and to an analysis of the criminal and juvenile justice systems. Prerequisite: Sociology 111.

### **321. CULTURAL ANTHROPOLOGY**

**3 semester hours**

An analysis of the organization of primitive and traditional societies. Focusing on the concept of "culture," the course describes the theories and methods used by anthropologists studying primitive peoples. Emphasis is placed on the relationship of culture to such other systems as personality, the organism, society, and the natural environment and on such specific matters as primitive economics, politics, religion, and family patterns. Prerequisite: Sociology 111 or 112.

### **333. SOCIAL STRATIFICATION**

**3 semester hours**

A study of social differentiation, particularly those differences which result in the ranking systems of power, wealth, and prestige. The course concentrates on the different positions individuals and groups hold, their corresponding rights and responsibilities, and how those roles influence social action. Emphasis is placed upon institutionalized social inequality within the United States. Prerequisite: Sociology 111.

### **341. RACIAL, ETHNIC, AND GENDER RELATIONS**

**3 semester hours**

An analysis of the meaning of minority group status in modern societies both in general terms and also with regard to the more specific problems and prospects featured in the development of various individual groups in American society. Emphasis is placed on the nature of prejudice and discrimination, the structure of minority-majority relations, and strategies toward social equality. Prerequisite: Sociology 111.

### **343. SOCIAL AND CULTURAL CHANGE**

**3 semester hours**

An analysis of social and cultural change in modern societies. Emphasis is given to the various sociological approaches to the study of social change as well as to the causes, consequences, and responses to change. Of particular concern is the process of modernization both as a historical phenomenon and as a dilemma in the developing countries. Prerequisite: Sociology 111.

### **344. SOCIAL DEVIANCE**

**3 semester hours**

An analysis of processes of norm-violation by individuals or groups in society. Emphasis is placed upon the psychological, cultural, and social factors that contribute to deviance in such areas as mental health, alcohol and drug dependence, sexual expression, and acts of violence. Prerequisite: Sociology 111.

### **351. SOCIOLOGICAL THEORY**

**3 semester hours**

An exploration of conceptualization and model-building in the development of modern sociology. In considering the historical emergence of different sociological traditions or perspectives, the course will concentrate on the underlying assumptions, historical and intellectual background, and logical consequence of these positions. Final consideration will be given to the current status of sociological theory, future directions for work, and attempts at synthesis. Prerequisite: Sociology 111.

## **471. SEMINAR: SPECIAL TOPICS**

**1-3 semester hours**

## **491. INDEPENDENT STUDY**

**1-3 semester hours**

## **Special Pre-Professional Programs**

### **Pre-Law**

Law schools desire students who have developed comprehension and expression in words, a critical understanding of human institutions and values, and creative power in thinking. Among the major fields of study offered at Elon College which provide background for admission to law school are English, Economics, History, Philosophy, Political Science, Public Administration, Social Science, Sociology and Accounting.

### **Pre-Medical or Pre-Dental**

Medical and dental schools desire students who have demonstrated academic excellence in science fields combined with the broad base supplied by the liberal arts. Students interested in medical or dental school are encouraged to major in Biology or Chemistry.

### **Pre-Ministerial (Any Full Time Christian Vocation)**

Seminaries desire students who have majored in Religion or any of the Liberal Arts areas. Suggested major fields of study at Elon College include English, History, Human Services, Philosophy, Political Science, Public Administration, Religion, Social Science, and Sociology.

### **All Pre-Professional Majors**

Students entering any pre-professional program should plan carefully, using the catalog of the professional school they wish to enter as a specific guide in choosing courses at Elon College. Students should design their course of study in consultation with their faculty adviser, the advising office and the adviser for the specific pre-professional program.

## **Associate Degree Programs**

### **Cytotechnology**

For complete information in the cytotechnology program, see courses of instruction.

### **Medical Laboratory Technician**

For complete information on the medical laboratory technician program see courses of instruction.

### **Secretarial Science**

The requirements for the Associate in Arts degree in Secretarial Science are as follows: Business Education 113, 114, 115, 117, 118, 119, 121, 130, 133, 312, 313; also Accounting 211-212; Business Administration 111, 321, 323, 329 or Computer Information Science 111; Economics 211; Physical Education (2 semester hours of activity courses) and English 111. A student who has prior preparation equivalent to Business Education 113, 114, or 118 may substitute electives for those courses. Additional electives to make a total of 63 semester hours are required.

Additional requirements for students who wish to acquire the basic skills required for legal secretaries are Business Administration 322, Political Science 231, 232, and Business Education 471. In order to meet these requirements, attendance at Winter Terms may be necessary.

## **One-Year Secretarial Science Certificate**

The requirements for the one-year course in Secretarial Science are as follows: Business Education 117, 121; two courses chosen from Business

Education 113, 114, 115, and 312, 118 and 119 (or 119 and 313), 130, 133; also Accounting 211; Business Administration 111, 323; and English 111. 33 semester hours required.

### **Bachelor of Applied Arts and Bachelor of Applied Science Degrees**

Graduates of technical or vocational programs from accredited community colleges or technical institutes receive full credit with direct transfer of up to 65 semester hours of work toward a Bachelor of Applied Arts or a Bachelor of Applied Science degree. See Transfer Program Information in an earlier section of this catalog.

# Directory



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### Terms Expiring May 31, 1984

Lula Browne Helvenston, *Orlando, Fla.*  
 Richard J. Holland, *Windsor, Va.*  
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 Reid A. Maynard, LL.D., *Burlington, N.C.*  
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 J. E. Rawls, Jr., M.D., *Suffolk, Va.*  
 Thomas B. Sain, *Burlington, N.C.*  
 J. Harold Smith, *Burlington, N.C.*  
 A. G. Thompson, *Lincolnton, N.C.*

### Terms Expiring May 31, 1985

Wallace L. Chandler, *Richmond, Va.*  
 Joseph M. Copeland, *Portsmouth, Va.*  
 John Robert Kernodle, M.D., *Burlington, N.C.*  
 Ernest Koury, Sr., *Burlington, N.C.*  
 G. Melvin Palmer, Ed.D., *Greensboro, N.C.*  
 Rex G. Powell, D.C.S., *Fuquay-Varina, N.C.*  
 Emily Harris Preyer, *Greensboro, N.C.*  
 Ralph H. Scott, LL.D., *Burlington, N.C.*  
 C. Max Ward, *Burlington, N.C.*

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James Fred Young, Ed.D., *President of the College*  
 Clyde L. Fields, B.A., M.Div., D.D., *Interim Conference Minister, Southern Conference.*  
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 Clyde W. Gordon, Sr., D.C.S., *Trustee Emeritus*  
 Shirley T. Holland, *Trustee Emeritus*  
 Iris Holt McEwen, L.H.D., *Trustee Emeritus*

### Faculty, 1980-1981

Mark R. Albertson, 1980\*, *Assistant Professor; Registrar*  
 B.B.A., *Fort Lauderdale University*

J. Wesley Alexander, 1961, *Associate Professor of Mathematics*  
 B.S., M.A., *Appalachian State University*; M.S., *New Mexico State University*

Ralph V. Anderson, 1963, *Professor of Economics; Chairman, Department of Economics*  
 B.S., *Ferris Institute*; M.S., *University of Tennessee*; B.D., *Northern Baptist Theological Seminary*; Ph.D., *University of North Carolina*

Andrew J. Angyal, 1976, *Assistant Professor of English*  
 B.A., *Queens College, CUNY*; M.A., *Yale University*; Ph.D., *Duke University*

Richard T. Apperson, 1968, *Assistant Professor of Music*  
 A.B., *Elon College*; S.M.M., *Union Theological Seminary, New York*

\*Year of appointment

- Malvin N. Artley, 1963, *Professor of Music*  
B.Mus., Shenandoah Conservatory of Music; M.Mus., Cincinnati Conservatory; D.F.A., Chicago Musical College, Roosevelt University
- Martin H. Baker, 1980, *Instructor in Physical Education and Health; Athletic Trainer*  
B.S., State University of New York at Brockport; M.S., Indiana State University
- William H. Barbee, 1970, *Associate Professor of Mathematics*  
B.S., Wofford College; M.Math., University of Tennessee; Graduate Studies, University of Georgia
- Robert C. Baxter, 1959, *Associate Professor of Business Law; College Attorney*  
A.B., Elon College; J.D., Duke University
- Eloise Baynes, 1968, *Assistant Professor of Foreign Languages*  
A.B., Salem College; M.A., Graduate Studies, University of North Carolina
- Barry B. Beedle, 1978, *Assistant Professor of Physical Education and Health*  
B.S., M.S., Mississippi State University; Ed.D., University of Mississippi
- Joe Belk, 1975, *Part-time Clinician in Music*  
A.B., Miami University of Ohio
- W. Jennings Berry, Jr., 1957, *Associate Professor of English; Director of Academic Advising*  
A.B., Elon College; M.A., University of North Carolina
- Robert G. Blake, 1968, *William S. Long Professor of English*  
A.B., Harvard University; M.A., Ph.D., Duke University
- R. Lamar Bland, 1967, *Associate Professor of English; Chairman, Department of Literature, Languages and Communications*  
B.A., Wake Forest University; M.A., University of North Carolina; Ph.D., University of North Carolina at Greensboro
- David A. Bragg, 1970, *Associate Professor of Music*  
B.S., Concord College; M.M.E., Ph.D., Florida State University
- Marydell R. Bright, 1970, *Assistant Professor; Coordinator of Admissions and Financial Aid; Director of Admissions*  
A.B., Mount Holyoke College; M.Ed., University of North Carolina at Greensboro
- Mary Lou G. Brittain, 1976, *Part-time Assistant Professor of English*  
B.A., M.A., Ph.D., University of North Carolina at Greensboro
- Wesley B. Brogan, 1979, *Associate Professor of Human Services*  
A.B., Dickinson College; M. Div., Duke University; M.Ed., Ph.D., University of North Carolina

Janie P. Brown, 1967, *Associate Professor of Physical Education and Health*  
B.S., Wake Forest University; M.A., East Carolina University; Ed.D., University of North Carolina at Greensboro

Ann S. Butler, 1979, *Part-time Instructor in English*  
A.B., M.Ed., University of North Carolina at Greensboro

W. E. Butler, Jr., 1946, *Associate Professor, Business Manager and Treasurer*  
A.B., Elon College; Graduate Studies, University of North Carolina, C.P.M.

Gaylor F. Callahan, 1980, *Part-time Instructor in English*  
B.A., M.A., University of North Carolina at Greensboro; Graduate Studies, Duke University

Karen R. Carden, 1979, *Part-time Instructor in Physical Education; Director of Intramural Athletics; Women's Volleyball Coach*  
A.B., Elon College

Lonnie Mack Carden, 1977, *Instructor in Physical Education and Health; Assistant Football Coach; Wrestling Coach*  
A.B., Elon College; M.A., Appalachian State University

D. Brooks Cates, 1964, *Assistant Professor of Geography*  
A.B., University of North Carolina; M.A., East Carolina University; Ph.D., University of North Carolina

Carole F. Chase, 1976, *Assistant Professor of Religion*  
A.B., College of William and Mary; M.A., Presbyterian School of Christian Education; Ph.D., Duke University

Paul H. Cheek, 1950, *L. L. Vaughan Professor of Chemistry*  
B.S., Wake Forest University; Ph.D., University of North Carolina

Ruth L. Cheek, 1964, *Part-time Assistant Professor of Chemistry*  
A.B., M.A., University of North Carolina

Janet F. Cochran, 1978, *Assistant Professor of English*  
B.A., M.A., Ed.D., University of North Carolina at Greensboro

Terrell W. Cofield, 1968, *Assistant Professor of Music*  
B.Mus., Rollins College; M.Mus., University of North Carolina; Study with Maestro Luigi Ricci, Teatro dell 'Opera, Rome, Italy

Janie E. Council, 1960, *Associate Professor of Business Administration and Accounting*  
A.B., M.A., East Carolina University

David M. Crowe, Jr., 1977, *Associate Professor of History*  
B.A., Southeastern Louisiana College; M.A., Mississippi State University; Ph.D., The University of Georgia

- Edwin L. Daniel, 1963, *Associate Professor of Art*  
A.B., Elon College; B.F.A., Abbott School of Fine and Commercial Art; M.F.A., University of North Carolina; Virginia Commonwealth University; Roanoke Fine Arts Center, University of Virginia Extension
- J. Earl Danieleley, 1946, *Professor of Chemistry*  
A.B., Elon College; M.A., Ph.D., University of North Carolina; Postdoctoral Study, The Johns Hopkins University; Sc.D., Catawba College; LL.D., Campbell College
- Richard A. Davis, 1980, *Assistant Professor of Sociology*  
B.A., North Carolina Central University; Ph.D., University of North Carolina
- Robert W. Delp, 1968, *Professor of History*  
B.S., Davidson College; B.D., Lancaster Theological Seminary; M.A., Ph.D., The George Washington University; Duke University
- Mildred P. Dempster, 1979, *Part-time Instructor in Business Administration*  
B.S., M.S., University of North Carolina at Greensboro
- Helen H. Euliss, 1969, *Assistant Professor of English*  
B.S., Appalachian State University; M.A., Graduate Studies, University of North Carolina
- Janie C. Evans, 1954, *Assistant Professor of Mathematics*  
A.B., M.Ed., University of North Carolina
- Daniel Feinberg, 1978, *Professor of Business Administration; Director of Business Development Institute*  
B.B.S., The College of the City of New York; M.A., Columbia University; Ph.D., New York University
- Linwood S. Ferguson, 1979, *Instructor in Physical Education and Health; Assistant Football Coach; Assistant Track Coach*  
A.S., Chowan College; B.S., M.Ed., East Carolina University
- Hugh M. Fields, 1970, *Assistant Professor of Biology*  
B.S., M.S., North Carolina State University; Graduate Studies, University of North Carolina at Greensboro
- Betty G. Flinchum, 1980, *Instructor in Cytotechnology*  
A.B., University of North Carolina at Greensboro
- John Benjamin Flora, 1977, *Adjunct Assistant Professor of Allied Health*  
B.A., University of Virginia; Ph.D., Virginia Polytechnic Institute and State University
- Gerald L. Francis, 1974, *Associate Professor of Mathematics; Chairman, Department of Mathematics and Computer Information Science*  
B.S., M.A.; Appalachian State University; Ph.D., Virginia Polytechnic Institute and State University

- Paul L. Gaskill, 1978, *Instructor in Recreation Administration*  
A.A., Montgomery County Community College; B.S., The Pennsylvania State University; M.S., University of North Carolina
- Betty K. Gerow, 1960, *Associate Professor of English*  
A.B., Meredith College; M.A., University of North Carolina
- James W. Geyer, 1977, *Adjunct Assistant Professor of Allied Health*  
B.A., Eastern Michigan University; M.S., Ph.D., Wayne State University
- Gerald M. Gibson, 1979, *Instructor in Communications*  
B.A., North Carolina State University; M.A., University of North Carolina at Greensboro
- Russell B. Gill, 1976, *Assistant Professor of English*  
A.B., College of William and Mary; M.A., Ph.D., Harvard University
- James H. Glenn, 1978, *Assistant Professor of Music*  
B.A., Luther College; M.A., Occidental College; Graduate Studies, University of Oklahoma
- Ruben L. Gomez, 1980, *Part-time Instructor in Foreign Languages*  
B.A., New York University; M.A., University of South Florida; Graduate Studies, University of North Carolina
- Seena A. Granowsky, 1975, *Assistant Professor of Psychology*  
B.S., Tufts University; M.S., Vassar College; Ed.D., Duke University
- Patricia J. Gray, 1980, *Part-time Instructor in Physical Education*  
B.S., M.F.A., University of North Carolina at Greensboro
- Kenneth L. Harper, 1970, *Assistant Professor of Education*  
A.B., Elon College; M.Ed., University of North Carolina; Graduate Studies, Duke University, University of North Carolina at Greensboro
- E. Franklin Harris, 1967, *Associate Professor of Physics*  
A.B., Elon College; M.A., Wake Forest University; Ph.D., University of North Carolina
- Priscilla L. Haworth, 1975, *Part-time Instructor in English*  
B.S., M.A., Appalachian State University; Virginia Polytechnic Institute and State University; University of Virginia
- Richard C. Haworth, 1974, *Associate Professor of Mathematics*  
B.S., Wake Forest University; M.A.T., Duke University; M.A., Appalachian State University; Ph.D., Virginia Polytechnic Institute and State University
- Judy S. Henricks, 1980, *Part-time Instructor in Art*  
B.A., University of Illinois; M.F.A., University of North Carolina at Greensboro



- Thomas S. Henricks, 1977, *Assistant Professor of Sociology*  
B.A., North Central College; M.A., Ph.D., University of Chicago
- Howard R. Higgs, 1977, *Assistant Professor of Human Services; Chairman, Department of Human Services*  
B.A., Greensboro College; M.A., Ph.D., University of North Carolina at Greensboro
- Anne T. Hilliard\*, 1976, *Instructor, Medical Laboratory Technician Program*  
B.A., University of North Carolina at Greensboro; M.T., Charlotte Memorial Hospital; S.B.B., North Carolina Memorial Hospital, Chapel Hill
- Cheryl T. Holt, 1976, *Part-time Instructor in Mathematics*  
A.B., Elon College
- Rachel Y. Holt, 1968, *Assistant Professor of History*  
A.B., Elon College; M.Ed., M.A., Graduate Studies, University of North Carolina
- Alonzo L. Hook, 1914, *Professor of Physics; Dean Emeritus*  
A.B., Elon College; M.A., M.S., Cornell University; Sc.D., Elon College/The Johns Hopkins University; University of Chicago; Duke University
- Herbert W. House, Jr., 1977, *Assistant Professor of Biology*  
B.S., Wake Forest University; M.S., Ph.D., University of South Carolina
- Rebecca O. House, 1978, *Part-time Instructor in English*  
B.A., Meredith College; M.Ed., University of North Carolina
- S. Carlyle Isley, 1973, *Assistant Professor, Special Assistant to the President*  
A.B., University of North Carolina
- Charles H. Jackson, Sr., 1980, *Professor of Military Science*  
B.S., University of Montana; M.A., Shippensburg State University; Lt. Col., U.S. Army
- Mary F. Jackson, 1975, *Assistant Professor of Physical Education and Health; Women's Basketball Coach*  
B.S., Norfolk College of William and Mary; M.Ed., University of Virginia
- Clayton E. Johnson, 1969, *Assistant Professor of Physical Education and Health; Associate Football Coach; Track Coach*  
A.B., Elon College; M.A.T., University of North Carolina
- Connie L. Keller, 1980, *Instructor; Assistant Reference Librarian/Catalog Librarian*  
B.A., Illinois Wesleyan University; M.A., University of Iowa

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\*Resigned December 1980

Donald J. Kelly, 1967, *Associate Professor of Physical Education; Associate Football Coach; Swimming Coach*  
A.B., Catawba College; M.A., University of North Carolina

Margaret L. Kent, 1979, *Part-time Instructor in English*  
B.A., New York University; M.A., University of North Carolina; M.F.A., University of North Carolina at Greensboro

Ralph W. Kerns, 1980, *Instructor in Communications*  
B.A., Waynesburg College; M.F.A., Carnegie Institute of Technology, Carnegie-Mellon University

Douglas Key, 1980, *Assistant Professor of Military Science*  
B.S., South Carolina State College; Graduate Studies, University of Chicago; Captain, U.S. Army

Helen S. Kirchen, 1980, *Assistant Professor; Associate Director of the Learning Resources Center*  
B.S., Columbia University; M.S.L.S., University of North Carolina

Ernest A. Knesel, Jr., 1980, *Adjunct Assistant Professor of Allied Health*  
B.S., M.S., Fairleigh Dickinson University

Guy R. Lambert, Sr., 1963, *Assistant Professor; Head Librarian*  
A.B., Elon College; M.Ed., University of North Carolina; Graduate Studies, University of North Carolina at Greensboro

George R. Lentz, Jr., 1980, *Assistant Professor, Director of Continuing Education*  
B.A., Lenoir-Rhyne; M.Ed., University of North Carolina at Charlotte

William G. Long, 1974, *Associate Professor of Political Science; Dean of Student Affairs*  
B.A., M.A., West Virginia University; M.Div., Yale University Divinity School

Frances C. Longest, 1955, *Associate Professor of Business Education*  
A.B., Elon College; M.Ed., Graduate Studies, University of North Carolina

June M. Looney, 1968, *Assistant Professor of Psychology*  
A.B., Elon College; M.A., Graduate Studies, East Carolina University

Helen H. Mackay, 1976, *Part-time Assistant Professor of English*  
B.A., M.A., Ph.D., University of North Carolina at Greensboro

Betty J. Maness, 1976, *Assistant Professor of English; Coordinator of Academic Skills*  
B.A., M.Ed., University of North Carolina at Greensboro

Frances R. Marlette,\* 1975, *Associate Professor of Human Services*  
A.B., High Point College; M.Ed., Ed.D., University of North Carolina

\*Resigned February 1, 1981.

- Robert D. McBee, 1977, *Assistant Professor of Sociology; Baseball Coach*  
B.A., Presbyterian College; M.S., Ph.D., University of Southern Mississippi
- Larry B. McCauley, Sr., 1968, *Assistant Professor; Director of Physical Plant*  
A.B., Elon College; M.A., University of North Carolina
- Robie W. McClellan, 1980, *Part-time Assistant Professor of Business Administration*  
B.A., University of North Carolina; M.B.A., Ed.D., University of North Carolina at Greensboro
- John Michael Marr, 1978, *Associate Professor of Business Administration; Chairman, Department of Accounting, Business Administration and Business Education*  
B.A., Presbyterian College; M.S., Ph.D., Clemson University
- William F. Migniuolo, 1978, *Part-time Instructor in English*  
A.B., University of North Carolina; Graduate Studies, Brown University
- James A. Moncure, 1974, *Professor of History; Vice President for Academic and Student Affairs*  
B.A., University of Richmond; M.A., Ph.D., Columbia University
- Voigt F. Morgan, 1963, *Associate Professor of Biology*  
A.B., Elon College; M.A., Appalachian State University; Graduate Studies, Duke University
- T. William Morningstar, Jr., 1972, *Assistant Professor of Physical Education and Health; Men's Head Basketball Coach; Golf Coach*  
A.B., Elon College; M.A., Lynchburg College
- Daniel B. Morrison, Jr., 1980, *Instructor in Mathematics; Men's Assistant Basketball Coach; Men's Tennis Coach*  
B.A., Wofford College; M.Ed., University of North Carolina
- Whitney P. Mullen, 1970, *Associate Professor of Science Education; Chairman, Department of Physical Sciences*  
B.S.Ed., Glassboro State College; M.Ed., D.Ed., Duke University
- Rhonda W. Nelms, 1979, *Part-time Instructor in English*  
B.A., University of North Carolina at Greensboro; M.A., Graduate Studies, Duke University
- James H. Pace, 1973, *Assistant Professor of Religion*  
A.B., Birmingham-Southern College; M.Div., Ph.D., Emory University
- William R. Parks, 1980, *Assistant Professor of Computer Information Science*  
B.S., Indiana Institute of Technology; M.S., Canisius College; Ed.M., State University of New York at Buffalo

- Nan P. Perkins, 1976, *Part-time Instructor in English*  
B.A., Atlantic Christian College
- Susan P. Phillips, 1980, *Instructor; Coordinator of Career Development and Placement*  
B.A., Salem College; M.A., Appalachian State University
- Barbara T. Plumblee, 1979, *Part-time Instructor in Biology*  
A.B., Elon College; M.S., University of North Carolina
- Anne Ponder, 1977, *Assistant Professor of Communications and English; Director of Academic Honors Programs*  
A.B., M.A., Ph.D., University of North Carolina
- James B. Powell, 1977, *Adjunct Associate Professor of Allied Health*  
B.A., Virginia Military Institute; M.D., Duke University
- Agnes J. Price, 1970, *Assistant Professor of Business Administration*  
B.S., M.Ed., Graduate Studies, University of North Carolina at Greensboro
- Mary Ellen Priestley, 1968, *Professor of English and Communications*  
B.S., Middle Tennessee State; M.A., George Peabody College; Ph.D., University of Alabama; University of Missouri; University College, London
- Raghavendra D. Rao, 1969, *Associate Professor of Biology*  
B.S., Osmania University; M.S., Ph.D., North Carolina State University
- Lela Faye Rich, 1977, *Instructor in History; Associate Director of Academic Advising*  
B.A., Wake Forest University; M.A.T., Duke University
- William G. Rich, 1977, *Assistant Professor of Religion; Chairman, Department of Religion*  
B.A., Wake Forest University; B.D., Southeastern Baptist Theological Seminary; Ph.D., Emory University
- Jeannette Green Rodenbough, 1980, *Part-time Instructor in Religion*  
B.A., Randolph-Macon College; M.A., University of North Carolina at Greensboro; M.Div., Duke University
- Robert M. Rosen, 1978, *Part-time Clinician in Music*  
B.S.M.E., University of Illinois; M.M., Michigan State University
- George Lynwood Ryals, Jr., 1973, *Associate Professor of Biology; Chairman, Department of Biology and Allied Health*  
A.B., Elon College; M.A., Appalachian State University; Ph.D., Clemson University
- Allen B. Sanders, 1965, *Professor of Business Administration and Accounting*  
B.S., West Virginia University; M.B.A., The George Washington University; C.M.A., Ph.D., University of North Carolina

- Gayle W. Scott, 1979, *Assistant Professor of Medical Laboratory Technology; Director, Medical Laboratory Technician Program*  
A.A., Emory-at-Oxford College; B.S., Medical College of Georgia; M.Ed., University of Georgia
- William G. Sharpe, IV, 1980, *Assistant Professor; College Chaplain; Coordinator of Personal Counseling*  
A.B., M.Div., Duke University
- Drue Ann Sheesley, 1979, *Instructor in Fine Arts*  
B.A., Bucknell University; M.A., University of Michigan; Graduate Studies, University of North Carolina
- Martin L. Shotzberger, 1980, *Professor of Business Administration*  
B.S.B.A., M.S.B.A., University of Richmond; Ph.D., Ohio State University; LL.D., University of Richmond
- Lawrence H. Simon, 1976, *Associate Professor of Education*  
B.A., M.A.T., University of North Carolina; Ed.D., University of North Carolina at Greensboro
- Martha B. Smith, (1964\*), 1970, *Professor of English*  
A.B., Winthrop College; M.A., Presbyterian School of Christian Education; M.A., Ph.D., University of North Carolina
- JoAnne C. Soliday, 1980, *Instructor in Psychology; Assistant Dean of Student Affairs*  
B.A., West Virginia Wesleyan College; M.Ed., University of North Carolina
- Dixie L. Sparrow, 1980, *Part-time Instructor in Business Administration*  
B.A., Eureka College; M.B.A., Mankato State University
- Joyce E. Speas, 1978, *Instructor in Mathematics*  
B.A., Mars Hill College; M.Ed., University of North Carolina at Greensboro
- Andrea Splittberger-Rosen, 1980, *Part-time Clinician in Music*  
B.M., Michigan State University; M.M., Eastman School of Music, University of Rochester
- Lucile C. Stone,\* 1968, *Associate Professor of Education*  
A.B., East Carolina University; M.Ed., Graduate Studies, University of North Carolina
- John G. Sullivan, 1970, *Professor of Philosophy; Chairman, Department of Philosophy*  
B.A., M.A., Catholic University; J.C.D., Lateran University; Graduate Studies, University of North Carolina
- George A. Taylor, 1979, *Assistant Professor of Political Science and Public Administration*  
B.S., Baptist College of Charleston; M.A., Ph.D., University of Georgia

\*Retired January 1981



- Michael A. Taylor, 1978, *Assistant Professor of Foreign Languages*  
B.A., M.A., Ph.D., University of North Carolina
- Barbara H. Thornton, 1981, *Instructor, Medical Laboratory Technician Program*  
B.S., Georgia College; Graduate Studies, University of North Carolina
- Jerry R. Tolley, 1967, *Assistant Professor of Physical Education and Health; Head Football Coach*  
B.S., M.A., East Carolina University; Graduate Studies, University of North Carolina at Greensboro
- James T. Toney, 1960, *Associate Professor of Economics*  
B.S., M.A., Appalachian State University; Graduate Studies, Teachers College, Columbia University; University of Colorado; Memphis State University
- Carole W. Troxler, 1971, *Associate Professor of History*  
A.B., University of Georgia; M.A., Ph.D., University of North Carolina
- George W. Troxler, 1971, *Associate Professor of History*  
A.B., Guilford College; M.A., Ph.D., University of North Carolina
- Ann J. Vickers, 1966, *Assistant Professor; Catalog Librarian*  
A.B., Elon College; M.L.S., University of North Carolina
- W. Stephen Wagoner, 1980, *Assistant Professor; Director of Cooperative Education*  
B.S., North Carolina State University; M.A.Ed., East Carolina University
- Bruce N. Waller, 1978, *Assistant Professor of Philosophy*  
B.A., Louisiana Technical University; M.A., Ph.D., University of North Carolina
- Frederic T. Watts, Jr., 1972, *Associate Professor of Political Science; Chairman, Department of Social Sciences*  
B.S., University of Nebraska; M.S., The George Washington University; Ph.D., University of South Carolina
- Linda T. Weavil, 1973, *Assistant Professor of Business Education*  
B.S., M.A., East Carolina University; Ed.D., University of North Carolina at Greensboro
- Jerry Weingarten, 1980, *Adjunct Associate Professor of Cytotechnology*  
B.A., Brooklyn College; M.D., Medical College of Virginia
- Jane C. Wellford, 1976, *Part-time Instructor in Physical Education*  
B.F.A., St. Andrews Presbyterian College; M.F.A., University of North Carolina at Greensboro
- Albert R. West, 1975, *Part-time Instructor in Human Services*  
B.S., U.S. Naval Academy; M.A.C.T., University of North Carolina

Fred West, 1980, *Part-time Assistant Professor of English*  
B.S., North Carolina State University; M.A., Columbia University; Ph.D.,  
University of Nevada

Walter Westafer, 1963, *Professor of Music; Chairman, Department of Fine Arts*  
B.Mus., Syracuse University; M.Mus., Cincinnati Conservatory of Music;  
Ph.D., University of North Carolina

John W. Wheeler, 1978, *Assistant Professor of Accounting*  
B.A., Central Wesleyan College; M.A., Virginia Polytechnic Institute

Alan J. White, (1964\*), 1974, *Professor of Physical Education and Health; Chairman, Department of Health, Physical Education and Recreation; Athletic Director*  
B.S., Wake Forest University; M.Ed., University of North Carolina; Ed.D.,  
Mississippi State University

Jack O. White, 1962, *Associate Professor of Music; Director of the Band*  
B.S., Concord College; M.Ed., University of North Carolina; D.A., New  
York University

M. Christopher White, 1972, *Associate Professor of Religion; Dean of Academic Affairs*  
A.B., Mercer University; M.Div., Southern Baptist Theological Seminary;  
Ph.D., Emory University

Maurice Whittinghill, 1979, *Thomas E. Powell, Jr., Professor of Biology*  
A.B., Dartmouth College; Ph.D., University of Michigan

Dorothy M. Williams, 1978, *Instructor in Mathematics*  
B.S., Westhampton College, University of Richmond; M.A.T., Duke University

Jeanne F. Williams, 1957, *Associate Professor of Statistics and Mathematics*  
B.S., University of Rhode Island; M.S., North Carolina State University;  
Graduate Studies, North Carolina State University, University of North  
Carolina

Jo W. Williams, 1969, *Associate Professor of Education; Director of Development*  
A.B., Elon College; M.Ed., Ed.D., University of North Carolina at Greensboro

Paul D. Williams, Jr., 1977, *Assistant Professor of Education; Chairman, Department of Education and Psychology*  
A.B., Lenoir-Rhyne College; M.A., Appalachian State University; Ph.D.,  
Duke University

Lawrence G. B. Willson, 1979, *Assistant Professor of Religion*  
B.A., Birmingham-Southern College; Th.M., Ph.D., Boston University

Barbara L. Yarborough, 1974, *Assistant Professor of Physical Education*  
B.S., Winthrop College; M.A.T., University of North Carolina

James Fred Young, 1973, *Professor of Education; President*  
A.A., Mars Hill Junior College; B.S., Wake Forest University; M.A., University of North Carolina; Ed.D., Columbia University; Graduate Studies, Appalachian State University; East Carolina University; University of Virginia

Rudolph T. Zarzar, 1967, *Associate Professor of Political Science*  
A.B., M.A., Ph.D., University of North Carolina

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## **Student Affairs**

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Thelma Cheek, *Secretary, Admissions and Financial Aid*  
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Barry Bradberry, A.B., *Associate Director of Admissions*  
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Janie Sue Bigelow, *Data Entry Clerk*

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Louise G. Newton, *Research Secretary*  
Cindy Tickle, *Secretary to the Registrar*  
Linda Miller, *Registration-Graduation Clerk*  
Lena Oakley, *Statistics Clerk*

## Business Affairs

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 Faye D. Conally, *Secretary, Business Office*  
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 Karen L. Hughes, *Clerk, Cashier's Office*  
 Judy N. Thomas, *Clerk, Cashier's Office*  
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 Lorraine M. Allen, A.B., *Accountant, Grants and Contracts; Computer Coordinator for Financial Affairs*  
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 Kathy M. Ball, *Payroll Clerk, Accounting Office*  
 Audrey P. Shumar, *Bookkeeper, Accounting Office*  
 Doris M. May, *Clerk, Accounting Office*  
 C. Conway Bayliff, Jr., A.B., *Campus Shop Manager*  
 Faye Y. Dennis, *Textbook Secretary, Campus Shop*  
 Scott Ownby, *Director of Food Services*

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Jo Watts Williams, A.B., M.Ed., Ed.D., *Director of Development*  
 Mary Elizabeth McCauley, *Secretary to the Director of Development*  
 Shirley Crawford, *Secretary to Development Office*  
 Tim McDowell, A.A.S., B.A.S., *Director of Public Information and Publications*  
 H. Reid Montgomery, A.B., B.D., S.T.M., *Director of Planned Giving*  
 Clyde L. Fields, B.A., M.Div., D.D., *Estate Planner*  
 Emma D. Lewis, *Development Office Records and Research*  
 J. King White, A.B., *Director of Alumni and Parent Programs*  
 Joanne J. Yount, A.B., *Grants Coordinator*

## Athletic Affairs

Alan J. White, B.S., M.Ed., Ed.D., *Director of Athletics*  
 Melvin L. Shreves, A.B., *Associate Director of Athletics and Director of Fighting Christian Club*  
 Doris C. Gilliam, *Secretary to the Department of Athletics*  
 Stephen Ballard, B.S., M.A., *Soccer Coach, Sports Information Director*  
 Karen R. Carden, A.B., *Women's Tennis Coach, Women's Volleyball Coach*  
 Lonnie Mack Carden, A.B., M.A., *Assistant Football Coach, Wrestling Coach*  
 Linwood S. Ferguson, A.S., B.S., M.A.Ed., *Assistant Football Coach, Strength Coach*  
 Mary F. Jackson, B.S., M.Ed., *Women's Basketball Coach, Women's Softball Coach*  
 Clayton E. Johnson, A.B., M.A.T., *Associate Football Coach, Track Coach*  
 Donald J. Kelly, A.B., M.A., *Associate Football Coach*  
 Robert D. McBee, B.A., M.S., Ph.D., *Baseball Coach*  
 Martin H. Baker, B.S., M.S., *Athletic Trainer*



Daniel B. Morrison, Jr., B.A., M.Ed., *Tennis Coach, Men's Assistant Basketball Coach*  
 T. William Morningstar, A.B., M.A., *Men's Head Basketball Coach, Golf Coach*  
 Jerry R. Tolley, B.S., M.A., *Head Football Coach*  
 Barbara L. Yarborough, B.S., M.A.T., *Cheerleading Supervisor*  
 Leo J. Welsh, *Supervisor of Athletic Facilities*

## Physical Plant

Larry B. McCauley, Sr., A.B., M.A., *Director of Physical Plant*  
 Bernadette Immordino, *Secretary to the Director of Physical Plant*  
 Mary D. Thomas, *Information Services Supervisor*  
 Warren R. Jeffreys, *Supervisor of Carpentry, Paint, Keys*  
 Allen Smith, *Plant Engineer*  
 Jim Pollack, A.B., *Executive Housekeeper and Assistant Physical Plant Director*  
 Margie O'Connell, *Assistant Housekeeper*  
 Lloyd Routh, *Supervisor of Grounds*  
 Judy Wrenn, *Mail Services*  
 Paul Holt, *Electrician*

## Retired Faculty and Administration

Edith R. Brannock, A.B., M.Ed., *Assistant Professor of Home Economics*  
 Luther N. Byrd, A.B., M.A., *Professor of History*  
 Kostas V. Cepas, A.B., L.L.M., J.S.D., *Associate Professor of Foreign Languages and Cultures*  
 Arabella Gore, A.B., A.B. in L.S., M.A., *Catalog Librarian*  
 Mildred Haff, A.B., M.A., *Assistant Professor of Mathematics*  
 James Howell, A.B., M.A., Ph.D., *Professor of English*  
 Alfred W. Hurst, A.B., M.A., B.D., D.D., *Assistant Professor of Religion*  
 C. Gilbert Latham, B.S., M.S., *Associate Professor of Psychology and Sociology*  
 Mattie Lee S. Lee, A.B., *Assistant Librarian*  
 Eleanor W. Moffett, A.B., M.Ed., Ph.D., *Professor of English*  
 C. Fletcher Moore, A.B., M.A., D.Litt., *Professor of Piano and Organ*  
 James H. Overton, A.B., B.D., Ph.D., *Professor of Religion*  
 S. E. Gerard Priestley, B.D., S.T.M., B.S., M.A., Ph.D., M.S.Sc., W. A. Harper  
*Professor of History and Political Science*  
 Paul S. Reddish, A.B., M.A., *Professor of Biology*  
 Howard R. Richardson, A.B., M.A., Ed.D., *Professor Emeritus of Education*  
 Bessie P. Sloan, A.B., M.A., *Assistant Professor of Spanish*  
 William W. Sloan, A.B., B.D., Ph.D., L.H.D., *Professor of Bible and Religious Education*  
 Durward T. Stokes, A.B., M.A., Ph.D., *Professor of History*  
 Lucile C. Stone, A.B., M.Ed., *Associate Professor of Education*  
 Arnold C. Strauch, B.S., M.A., Ed.D., *Professor of Education*  
 W. B. Terrell, A.B., *Alumni Secretary*

## Endowment and Sources of Income

The income from tuition and fees constitutes only a part of the income of the College. Other sources of income include the annual gifts from the churches of the Southern Conference of the United Church of Christ; a share of the contributions received by the Independent College Fund of North Carolina; earnings from the permanent endowment funds of the College; and the contributions of individuals, foundations, business and industry.

In addition to the general endowment funds of the College, special endowment funds have been established for specific purposes:

*W. J. Ballentine Fund.* An undesignated bequest from the estate of W. J. Ballentine who served as trustee of the College.

*Bondurant Fund.* This fund was established by H. L. Bondurant of Norfolk, Va., as a memorial to his wife, Mrs. Gertrude Gibson Bondurant.

*Boone Memorial Fund.* Established by the late Dr. William H. Boone, of Durham, N.C., a long-time member of the Board of Trustees. This fund is in memory of his wife, Mrs. Annie Elizabeth Moring Boone.

*James H. R. Booth Endowment Fund.* This fund was created by Dr. James H. R. Booth, an alumnus of Elon College. The income from this fund is used preferably for support of the department of religion.

*John M. Campbell Fund.* This fund represents the proceeds from the sale of land given to the College as a memorial. The land had been left as a bequest to what was then known as the North Carolina Christian Conference.

*Carlton Fund.* The family of the late J. W. Carlton of Richmond, Va., P. J. Carlton, H. A. Carlton, L. E. Carlton and Mrs. J. Dolph Long established a professorship in Christian Literature and Methods in memory of Mrs. J. W. Carlton. Upon his death in May, 1935, P. J. Carlton left a bequest to the College.

*Thomas W. and Mary Watson Chandler Endowment Fund.* This fund was established by a gift from Mrs. Chandler. The earnings from the endowment became a part of the general funds of the College.

*Christian Workers Conference Fund* for the Southern Convention has been established at Elon College by Mrs. E. E. Holland, widow of Col. E. E. Holland, who was the last surviving member of the original Board of Trustees.

*Corwith Fund.* W. F. Corwith, a former trustee, has given to the College funds to establish a professorship in Biblical languages and literature in memory of Mrs. W. F. Corwith.

*The Daniels-Danieley Award.* The Daniels-Danieley Award for Excellence in Teaching was established in honor of the parents of the sixth president of the College, James Earl Danieley, and his wife, Verona Daniels Danieley. The income from this fund is used to provide a certificate of recognition and cash award each year to a faculty member whose teaching is characterized by excellence.

*T. B. Dawson Memorial Bible Fund.* This fund was established by friends and relatives of the late T. B. Dawson. The earnings are used to assist the College in purchasing copies of The Holy Bible which are given to graduating seniors in religion.

*Elbert and Esther Fertig DeCoursey Fund.* Established by C. Max Ward, class of 1949, and Cynthia Fertig Ward in honor of Mrs. Ward's aunt and uncle, Major General Elbert DeCoursey, nationally known pathologist, and Esther Fertig DeCoursey. The earnings from this fund will be used to benefit the department of biology.

*Dofflemyer Fund.* Established in memory of the late Milton A., Sr. and Naomi Frazier Dofflemyer by their children. Earnings from this endowment are to be used to support the regular operation of the College.

*Harry K. Eversull Fund.* This fund was established by friends of Dr. Eversull who served as a trustee of Elon College.

*George Joseph Fertig Fund.* Established by C. Max Ward, class of 1949, and Cynthia Fertig Ward in memory of her father, Dr. George Joseph Fertig, eminent metallurgist from Birmingham, Alabama. The income from this fund will be used for the support of the department of chemistry.

*D. R. Fonville, Sr. Fund.* A bequest from the estate of DeRoy Ransom Fonville, Sr., who served as a trustee of the College from 1914 until his death, April 21, 1958. The earnings from the fund are used to purchase books for the library.

*Ford Endowment.* The principal amount of this fund was a gift from the Ford Foundation. All earnings of the fund are used to increase salaries of full-time teachers.

*Foster Fund.* A bequest from the estate of Jos. A. Foster of Semora, N.C.

*Ella V. Gray Memorial Fund.* Proceeds to be used to purchase books to be added to the library's collection of Southern literature. Following a bequest from Mrs. Gray, this fund is being established by Garland Gray as a memorial to his mother.

*Susie Holland Memorial Fund.* This fund was created by a bequest from the estate of Susie Holland, an Elon alumna of the class of 1905 and a member of the Board of Trustees from 1937-1957. The use of the income from this fund is unrestricted.

*Kernodle Foundation.* A gift from Mrs. Attrice Kernodle Manson of Burlington, N.C., in memory of Dr. J. L. Kernodle and in honor of Mrs. J. L. Kernodle.

*John T. Kernodle Memorial Fund.* Created by a bequest from the estate of John T. Kernodle, an alumnus of the class of 1908. The income from this fund is used to support the general operation of the College.

*Peter Jefferson Kernodle and Louise Nurney Kernodle Memorial Fund.* Created by a bequest from the estate of John T. Kernodle, an alumnus of the class of 1908, in memory of his mother and father. The income from this fund is used to support the general operation of the College.

*Virginia Beale Kernodle Memorial Fund.* This fund was established by John T. Kernodle, class of 1908, as a memorial to his wife, Virginia Beale Kernodle, valedictorian of the class of 1913. The earnings from the fund are to be used for the upkeep of Whitley Memorial Auditorium. Mrs. Kernodle was the granddaughter of the late Leonard Hume Whitley for whom the auditorium was named.

*Klapp Fund.* A gift from the Rev. S. B. Klapp.

*Patrick Henry Lee Fund.* This fund is a bequest from Capt. P. H. Lee of Holland, Va.

*Minnie T. Lambeth Memorial Fund.* Friends and relatives of the late Minnie T. Lambeth have established this memorial fund.

*The James H. McEwen, Jr. Endowment Fund for the Fine Arts.* Established by James H. McEwen, Jr. of New Milford, Connecticut. Income from this fund will be used for the enrichment of the Fine Arts program.

*John M. McLean Fund.* This is a memorial fund established by Mrs. John M. McLean and friends of the late John M. McLean.

*Francis Asbury Palmer Fund.* This fund was established by Francis Asbury Palmer of New York. A second bequest from his estate was later added to the fund.

*The Thomas Edward Powell, Jr. Professorship of Biology* was established by the Thomas E. Powell, Jr. Biology Foundation. Dr. Powell was professor of biology at Elon College from 1919 to 1936 and is founder of Carolina Biological Supply Company. Income from the endowment provides a chair for an outstanding professor in the field of biology.

*Register Fund.* This fund was established by J. H. Register as a memorial to his wife.

*Oscar F. Smith Memorial Fund.* A bequest from the estate of Oscar Frommel Smith of Norfolk, Va., who served as a trustee of the College.

*William Watson Sellers Endowment Fund.* This fund was created in memory of William Watson Sellers, Elon College alumnus and former member of the Board of Trustees. The use of the income from the fund is unrestricted.

*Staley-Atkinson-Newman Memorial Foundation.* The churches of the Southern Convention, at the request of Elon College and the Southern Convention, authorized the establishment of a foundation in the Department of Christian Education at Elon College memorializing Dr. W. W. Stanley, Dr. J. O. Atkinson, and Dr. J. U. Newman and the departments of the church to which they gave their lives. Income from this permanent fund is allocated to the Departments of Philosophy and Religion.

*J. J. Summerbell Fund.* Dr. J. J. Summerbell of Dayton, Ohio, was a staunch friend and loyal supporter of the College. He died February 28, 1913, and left a bequest to Elon College.

*L. L. Vaughan Fund.* A bequest from the estate of the late Professor L. L. Vaughan, who served as a trustee of the College from 1928 to 1956.

*Drusilla Dofflemeyer Voorhees Fund.* Created in honor of Drusilla Dofflemeyer Voorhees, class of 1924, by friends in recognition of her many years of devotion to her students and her contribution to education as a classroom teacher. The income from this fund is used to support the general operation of the College.

*O. J. Wait Fund.* A bequest from Rev. O. J. Wait, D.D., of Fall River, Massachusetts. This was the first bequest received by the College.

*J. W. Wellons Fund.* Dr. J. W. Wellons, several years before his death, bought two annuity bonds for the College. By terms of the bonds, at his death, they were cancelled and the principal became a part of the endowment funds of the College.

*Jesse Winbourne Fund.* This fund, a bequest from Deacon Jesse Winbourne of Elon College, N.C., became available in January, 1923.

Elon College initiated a campus-wide retention program in the fall of 1978. As a result of these efforts, the percentage of freshmen returning in 1979 was 62%. The projected four-year retention rate for 1981 is 55%.

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# ELON COLLEGE

Office of Admissions and Financial Aid  
Elon College, North Carolina 27244  
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DAN PATTERSON  
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# ELON COLLEGE



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# COMMUNICATIONS WITH ELON COLLEGE

This bulletin contains pertinent information about the College, its philosophy, programs, policies, regulations and course offerings. All students and prospective students are urged to read it carefully and completely.

Correspondence relating to official business should be addressed as follows:

## **President**

General information

## **Vice President for Academic and Student Affairs**

Academic and student affairs policy

Long-range planning

## **Dean of Academic Affairs**

Academic program

Academic work of students in college

Faculty positions

Special programs

## **Dean of Admissions and Financial Aid**

Admissions

Requests for applications, catalogs or bulletins

Scholarships, student loan funds, and work jobs

## **Dean of Student Affairs**

Housing

Student affairs

## **Vice President for Administrative Services**

Payment of student accounts

Inquiries concerning expenses

## **Vice President of Development**

Public relations

Contributions, gifts or bequests

Estate planning

## **Director of Career Planning and Placement**

Career options for students

Employment of seniors and alumni

## **Registrar**

Requests for transcripts

Evaluation of transfer credits

Student educational records

## **Director of Alumni and Parent Relations**

Alumni affairs

Parent relations

# Elon College

**1983-84**

**Elon College / North Carolina 27244**

**Telephone 919-584-9711**

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Elon

Vol. 94 — October 1983 — No. 5 — (UPS 076-160)

Published quarterly at Elon College, N.C. 27244.

Elon College does not discriminate on the basis of race, color, sex, handicap, and national or ethnic origin in the recruitment and admission of students, the recruitment and employment of faculty and staff, and the operation of any of its programs.

Second class postage paid at Elon College, N.C. 27244.





# Calendar

## Fall Semester 1983

September 4 (Sun.)	Orientation
September 5 (Mon.)	Orientation; Evening School Registration
September 6 (Tues.)	Registration
September 7 (Wed.)	Drop-Add Day; Evening Classes Begin
September 8 (Thurs.)	Day Classes Begin
September 13 (Tues.)	Last Day for Late Registration
October 24 (Mon.)	Mid-semester Reports Due
November 4 (Fri.)	Last Day to Remove Incomplete ("I") Grades
November 9 (Wed.)	Preregistration Begins for Winter Term and Spring Semester 1984
November 23 (Wed.)	Thanksgiving Holiday Begins at Close of Afternoon Classes
November 28 (Mon.)	Thanksgiving Holiday Ends at 8:00 a.m.
December 9 (Fri.)	Classes End
December 10-14 (Sat.-Wed.)	Examinations

## Winter Term 1984

January 3 (Tues.)	Registration
January 4 (Wed.)	Classes Begin
January 25 (Wed.)	Examinations

## Spring Semester 1984

January 30 (Mon.)	Registration
January 31 (Tues.)	Drop-Add Day; Evening Classes Begin
February 1 (Wed.)	Day Classes Begin
February 6 (Mon.)	Last Day for Late Registration
March 16 (Fri.)	Spring Vacation Begins at Close of Afternoon Classes
March 19 (Mon.)	Mid-semester Reports Due
March 26 (Mon.)	Spring Vacation Ends at 8:00 a.m.
April 2 (Mon.)	Preregistration Begins for Summer School and Fall Semester 1984
April 6 (Fri.)	Last Day to Remove Incomplete ("I") Grades
May 10 (Thurs.)	Classes End
May 11 (Fri.)	Reading Day for Examinations
May 12-16 (Sat.-Wed.)	Examinations
May 20 (Sun.)	Commencement; Last Day of School

## Summer School 1984

First Term: June 4 — July 6  
Second Term: July 9 — August 10





# Introduction to Elon



Elon College is a coeducational, residential, church-related college on a beautiful campus near Burlington, North Carolina. The College derives its name from its location in what was an oak forest in the heart of Piedmont North Carolina. "Elon" is the Hebrew name for "oak," and the campus still abounds with these majestic trees.

✓ **Location.** Fifteen miles west of Elon College, along Interstate 85, is the thriving city of Greensboro. To the east are the great intellectual resources of the Research Triangle, internationally known for its scientific research in computer technology and other endeavors. Flanking the Research Triangle are Duke University at Durham, the University of North Carolina at Chapel Hill, and North Carolina State University at Raleigh. The Elon College community enjoys the lifestyle of a relatively small institution yet has the advantage of being centrally located to major institutional and urban resources in nearby areas.

✓ **Students.** Elon College, founded by the Christian Church in 1889, is committed to the liberal arts as the best preparation students can have for rewarding, meaningful lives. From its initial enrollment of 108 students, Elon has grown steadily. Elon's 2,625 undergraduates come from 26 states and a number of foreign countries. Slightly more than half of the students are men, and the student body includes several racial and socio-economic groups. Elon College admits students of any race, color, sex, and national or ethnic origin without discrimination. This diversity enriches the life of the community and reflects the nature of American society itself. Elon challenges students to excel intellectually, to pursue self-fulfillment, and to learn the meaning of service to others.

**Faculty.** Working with the Elon students are a dedicated staff and an outstanding faculty—more than sixty percent of whom hold doctorates—whose primary concern is teaching. They have been chosen because of their academic preparation, individual initiative, and commitment to excellence in teaching. Many of Elon's faculty have expressed their satisfaction with the College through long years of service. Elon purposely remains small enough that the relationship between faculty and students is friendly, informal and lasting.

**Programs.** The academic program is designed to develop in each student a mature proficiency in the use of the English language, an awareness of history and an appreciation of man's cultural, social and scientific achievements. The upper level courses provide opportunities for concentration in areas of special interest and in professional and career-oriented branches of

learning. To meet such individual needs, the academic program includes such features as independent study, study-abroad opportunities, career internships and cooperative education.

Complementing the classroom at Elon College is a broad range of activities and student life programs designed to enable students to find their personal identities, refine their social skills, broaden their perspectives, and create lifetime friendships.

## ✓ Academic Calendar

The College's academic year is divided into a 4-1-4 calendar. The fall semester is a four-month term, ending prior to Christmas holidays, followed by a one-month winter term and a four-month spring semester. During the one-month term opportunities are offered for travel and study abroad in addition to specialized courses on campus. Evening classes and a summer school of two terms of five weeks each are offered on a regular basis.

The calendar is designed to meet the needs of the following persons: (1) full-time students who plan to complete degree requirements within four years, (2) part-time students, (3) high school seniors who wish to take one or two college-level courses, and (4) members of the community who desire further educational work in day or evening classes.

Summer school serves the above purposes, plus providing an opportunity for new students or students enrolled in other colleges to accelerate completion of degree requirements.

The College offers workshops and seminars throughout the year.

A full schedule of evening and weekend classes provides maximum flexibility for students.

A wide variety of non-credit courses is offered throughout the year by the Office of Continuing Education.

## History

To provide a quality undergraduate education has been the mission of Elon College since its founding by the Christian Church in 1889. Two schools were forerunners of Elon College: The Graham College, established in 1851 at Graham, North Carolina; and the Suffolk Collegiate Institute, established in 1872 in Suffolk, Virginia. The Southern Christian Convention, now a part of the United Church of Christ, voted in 1888 to establish Elon College.

The site of the new college was known as Mill Point, located four miles west of Burlington, North Carolina. In its early years Elon endured many tribulations. The student body was severely reduced during World War I, and a major fire in 1923 destroyed most of the campus buildings. Within three years a new campus arose from the ashes. The five central buildings, including Alamance, were built at this time. The great depression and World War II created many problems for the College.

The decades following the Second World War were years of physical growth and academic development. New buildings went up as enrollments increased, and the College expanded beyond its brick walls. Students from half of the states in the Union, as well as foreign countries, gave the College a regional complexion. The faculty increased to more than 100, teaching in 28 major fields offering four baccalaureate and two associate degrees. Elon's seven presidents have provided the leadership essential for this progress.



Historically the College has played a significant role in teacher education. A program of instruction and experiences designed to prepare teachers continues to be a major objective of the College.

Although there have been many changes through the years, Elon remains church-related rather than church-controlled. It has held in high esteem its commitment to general Christian principles and values as an appropriate foundation for the development of human personality and social order.

## **The Mission of Elon College**

Elon College offers men and women a liberal arts education to enrich them as human beings, and it offers programs in career-oriented fields to prepare them for specialized work. All of the programs at Elon are periodically evaluated by accrediting agencies to insure that appropriate standards of quality are maintained. Students are provided opportunities to develop those skills and sensitivities which encourage a reflective approach to both personal life and professional career.

In addition, Elon College senses a special responsibility to the community in which it is located. Thus, it provides to citizens of the area opportunities for cultural and educational renewal in a setting where religious and human values are respected.

In accordance with the provisions of the Charter, it is the aim of Elon College to give all students the opportunity to acquire:

1. A philosophy of life which is founded upon and motivated by the beliefs and spiritual values of the historic Christian Church, and which will be reflected throughout life in terms of a sense of personal integrity, high ethical standards, wholesome attitudes, and significant religious insights and devotion.
2. An understanding of their responsibilities and rights as citizens in a democratic culture, and a recognition of the intrinsic worth of all individuals.
3. An intelligent awareness of world cultures, conditions, events, and issues.
4. A love of learning sufficient to promote continued intellectual and cultural growth which comes out of sharing in an invigorating intellectual and cultural climate during their college career.
5. A basic knowledge in the humanities, natural sciences, and social sciences, and an appreciation of the mutual relationships existing among these areas.
6. An understanding of the content and an achievement of competence in the procedures of at least one field of knowledge as preparation sufficient for graduate or professional study.
7. The ability to think critically, logically, and creatively, and to communicate effectively by means of the written and spoken language.
8. A sensitivity to esthetic values through experience and study in the fine arts, and through opportunity to develop competence and excellence in the performing arts.
9. A knowledge of the principles of health and physical fitness, and skills useful for participation in wholesome recreational activities.
10. A recognition of their own abilities and aptitudes through counseling and guidance in the choice of an appropriate vocation.

## Accreditation

Elon College is accredited by the Southern Association of Colleges and Schools. Several departmental programs, including Education, Cytotechnology and Medical Laboratory Technician are accredited by the appropriate state or national agencies. Elon College is a member of the following:

- The American Council of Education
- The Association of American Colleges
- The American Association of University Women
- The North Carolina Association of Colleges and Universities
- The North Carolina Association of Independent Colleges and Universities
- Independent College Fund of North Carolina
- The Council for Higher Education of the United Church of Christ
- National Commission on Accrediting

## ✓ Campus and Buildings

The Elon campus is beautiful, spacious, and rich in stalwart native oak trees. It is designed and equipped to serve its living and learning community. Extensive building and improvement projects have been completed in recent years, including three new dormitories completed in 1982, a new fountain, plaza area and extensive landscaping.

Buildings housing the classrooms and laboratories have been extensively renovated, and new equipment and furniture have been provided. The McEwen Dining Hall, William S. Long Student Center, Iris Holt McEwen Library, Harper Center, and twelve residence halls have been constructed since 1956. Completed in 1970 were a new office-classroom building and a new physical education facility, which includes an Olympic-size swimming pool. The present living and dining facilities serve a resident student body of approximately 1,400.

*Alamance Building* houses administrative offices and classrooms. Citizens of Alamance County contributed the money to build this structure after the old administration building was destroyed by fire in 1923. The Alamance Building was extensively renovated in 1981. The area in front of Alamance Building is known as Scott Plaza and is the gift of former State Senator Ralph H. Scott, a member of the Elon College Board of Trustees, in memory of his wife, Hazeleene Tate Scott. In the center of the plaza is Fonville Fountain, a gift of Rudy M. and Frances (Turner) Fonville '28. The fountain and plaza were completed in 1982.

*The Alumni Memorial Gymnasium* was built in 1949 by former students as a memorial to Elon alumni who lost their lives in two World Wars. It seats 4,500 for basketball games. The 25,000 square feet of floor space houses offices, classrooms, dressing and shower rooms for both men and women, and a playing floor area large enough for three intramural basketball games to be played at the same time.

*The Athletic Field* consists of 50 acres of practice and playing fields, situated around the campus. There is adequate space for all sports.

*John W. Barney Hall* houses 54 men students. This three-story brick building was named in memory of John W. Barney, who was a member of the Elon College faculty for 33 years.

*Ned F. Brannock Hall*, housing 48 men students, is a three-story brick structure named in memory of Dr. Ned F. Brannock, a member of the Elon College faculty for more than 50 years.

*Carlton Building*, renovated in the summer of 1973, was the gift of three trustees of the College, P. J. Carlton, H. A. Carlton and L. E. Carlton, and their sister, Mrs. J. Dolph Long. This structure houses the music and art departments, classrooms, a rehearsal hall, and faculty offices.

*Carolina Hall*, erected in 1956, houses 126 women students. Congregational Christian Churches in North Carolina pledged the funds for this three-story brick building.

*Chandler Hall* is a dormitory housing 92 men. It was constructed in 1982 in honor of Wallace L. Chandler, a member of the class of 1949, a trustee of Elon College and senior vice president of Universal Leaf Tobacco Company, Inc., of Richmond, Virginia.

*Colclough Hall* is a dormitory designed to house either men or women. Constructed in 1982, it has a capacity of 96 persons. It was named in memory of George D. Colclough, a member of the class of 1926, through a gift by Royall H. Spence, Jr., a member of the class of 1942, and his wife, Luvene Holmes Spence, a member of the class of 1943. Mr. Spence is a trustee of Elon College and president of Canada Dry Bottling Company of Greensboro, Inc. Mr. Colclough was a trustee of Elon College and a well-known business leader in Burlington.

*Crumpton Center*, beautiful old plantation and former home of trustee Dr. J. L. Crumpton, located 35 miles from campus, was donated in 1974 by Dr. and Mrs. Crumpton, both alumni of the College. The Center is used by faculty, trustees and students for seminars, retreats, workshops and special meetings.

*Duke Science Building* has modern scientific equipment and laboratory apparatus. It houses the Departments of Physics, Biology and Chemistry. In memory of their mother, Mrs. Artelia Roney Duke, J. B. Duke and B. N. Duke contributed to the cost of erecting this building, which was renovated in 1966.

*East Building*, formerly the Elon College Middle School, was acquired by the College in 1978. It is used for maintenance storage and central receiving. It also houses offices of the director of physical plant, executive housekeeper, and director of mail services. A gymnasium, dance studio and wrestling room complete the facility.

*Fraternities and Sororities* are housed in several off-campus residences owned by the College.

*A. L. Hook Hall*, housing 48 men students, was named in honor of Dr. A. L. Hook, who has been a member of the Elon College faculty for more than 50 years. Built in 1966, it is a three-story brick residence hall.

*The B. Everett Jordan Gymnasium*, named in honor of the late Senator B. Everett Jordan and completed in 1970, contains the Vance Beck Olympic-size swimming pool, physical education teaching gymnasium, human performance laboratory, handball court, weight training room and offices and classrooms.

*The John Koury Field House* was constructed in 1980 through the generosity of Ernest and Maurice Koury in memory of their father. The building provides dressing facilities for Elon's football and baseball teams as well as a modern training room, laundry and coaches' dressing room.

*William S. Long Student Center*, constructed in 1966, houses the campus shop, the varsity room, the health service, lounges, meeting rooms, student government offices, a listening room, a photography lab, and game rooms. The building was named in memory of William S. Long, first president of the College.

*Maynard Hall* is a dormitory for 114 women. Constructed in 1982, it was named in honor of Reid and Grace Maynard. Mr. Maynard is a trustee of Elon College and chairman of the board of Tower Hosiery Mills, Burlington.

*McEwen Memorial Dining Hall*, completed in 1956, was built as a memorial to James H. McEwen, long an industrial and civic leader in Burlington. The first floor accommodates more than 400 students in a modern and attractive cafeteria and also contains a smaller dining room for special luncheon meetings. On the second floor is a banquet room large enough to accommodate 450 persons.

*Iris Holt McEwen Library*, completed in the summer of 1968, is fully air conditioned and carpeted. Open stacks contain a well-rounded collection of 150,000 volumes. Approximately 10,000 government documents have been added to the collection since the library became a government depository in 1971. It has also housed the national library and archives of the American Theatre Organ Society since 1974.

The Spence Collection, which was the former Stratford College Library, was given to the College in 1975 in honor of Royall H. Spence, Sr. by Mrs. Spence and their children, Mary Spence Boxley, Dolly Spence Dowdy and Royall H. Spence, Jr. McEwen Library ranks as the fourth largest among private colleges and universities in North Carolina.

*Mooney Christian Education Building* was given to Elon by M. Orban, Jr., in memory of his father-in-law, the Reverend Isaac Mooney. This building, remodeled in 1967, houses faculty offices, classrooms, the Learning Resources Center, and a recital hall.

*Newsome Field* is a modern baseball stadium donated in 1977 by Webb Newsome, a member of the class of '37, and his wife, Jessie Cobb Newsome, class of '36. A member of the Elon College Sports Hall of Fame, Webb Newsome was outstanding in baseball, football and boxing while at Elon.

*North Building*, located near the Harper Center, houses men students.

*The Oaks*, built in 1980, houses 144 men and women students in two-room suites. The complex also contains a commons building with study, lounge, and laundry facilities.

*The Caroline Powell Building*, named in honor of Miss Caroline Powell, was completed in 1970. It contains classrooms, faculty offices, and administrative offices.

*The Power Plant* provides heat for the entire College.

*The President's Home*, constructed in 1963, is located at 301 East Haggard Avenue.

*Sloan Hall*, a three-story brick structure housing 80 men students, was named in honor of Dr. W. W. Sloan and Bessie Pickett Sloan, members of the Elon College faculty for 25 years.

*Leon Edgar Smith Hall* is a three-story brick residence hall erected in 1957 to house 126 men students. The building was named for Dr. L. E. Smith, former President of the College.

*Staley Hall, Moffitt Hall, Harper Center and Harden Dining Hall* were completed in 1968. Staley Hall houses 200 men, and Moffitt Hall 100 women. The two residence halls are joined by Harper Center, which contains a lounge, the College radio station, a recreation area, and Harden Dining Hall. These buildings were named in memory of Dr. W. W. Staley, Dr. E. L. Moffitt, and Dr. W. A. Harper, three past presidents of Elon College, and are located north of the main campus, beyond the gymnasium.

*Virginia Hall*, a three-story modern brick structure erected in 1956, houses 80 women students. Congregational Christian Churches in Virginia pledged the money to pay for this residence hall.

*West Hall* is a three-story brick structure adjacent to the Carlton Building. The first floor contains student rooms, a staff apartment, the security office, and a large lounge. Sixty-eight women students are housed on the second and third floors.

*Whitley Memorial Auditorium*, extensively renovated in 1972, has a seating capacity of approximately 500. Teaching and practice studios of the Fine Arts Department are located in the rear of this building.

### **Visitor's Information**

Visitors to the College are welcome at all times. The administrative offices are open Monday through Friday from 8 a.m. until 5 p.m. The admissions office is also open on Saturday from 8:00 a.m. until noon. Administrative officers and members of the faculty are available at other times by appointment made in advance.

### **Travel Information**

Elon College is in the town of Elon College, N.C., a community adjacent to Burlington, 15 miles east of Greensboro, and 64 miles west of Raleigh. It is accessible to airline services at Greensboro. It is also served by Carolina Trailways, which affords bus service to all parts of the country. The telegraph address is Burlington and the College is served by the Burlington telephone exchange. The number is (919) 584-9711.



## ACADEMIC PROGRAM



The academic program at Elon College is designed to prepare qualified students to enter graduate and professional schools or to go directly into such fields as business, teaching, public service and allied health. Both four-year (bachelor degree) and two-year (associate degree) programs are offered. The degree consists of a major field of concentration in the liberal arts or in a professional or preprofessional area, a general studies program, and elective courses.

### ✓ Degrees and Major Fields of Concentration

Courses are offered leading to the degrees of Bachelor of Arts, Bachelor of Science, Bachelor of Applied Arts, Bachelor of Applied Science, Associate in Arts and Associate in Science.

The Bachelor of Arts degree is awarded in most departments offering a major at Elon College: Biology, Chemistry, Computer Information Science, Economics, Elementary Education (K-3 and 4-9), English, History, Human Services, Journalism-English, Mathematics, Music, General Music, Office Administration, Philosophy, Physics, Political Science, Psychology, Public Administration, Religion, Science Education, Social Science and Sociology.

The Bachelor of Science degree is awarded in the following fields: Accounting, Business Administration (Management, Finance or Marketing), Cytotechnology, Medical Laboratory Technician, Music Education, Physical Education and Health (Teacher Certification, Community Recreation, or Commercial Leisure and Sports Management).

The Bachelor of Applied Arts and Bachelor of Applied Science degrees offer graduates of two-year technical or vocational programs from accredited community colleges or technical institutes direct transfer of up to 65 semester hours of work. Elon College provides the general studies requirements for the bachelor's degree. Elon College offers a special program leading to the Bachelor of Applied Science degree in Radiologic Technology.

The Associate in Arts degree is awarded in Office Administration. The Associate in Science degree is awarded in Cytotechnology and Medical Laboratory Technician.

## Minor Fields of Concentration

Candidates for the bachelor's degree may elect to complete a minor concentration consisting of at least 18 semester hours.

The following minor fields are available: Accounting, Studio Art, Biology, Business Administration, Chemistry, Communications (Journalism), Communications (Broadcasting), Computer Information Science, Dance, Economics, Education, Special Education, English, Foreign Languages, Geography, History, American History, European History, Mathematics, Music, Office Administration, Philosophy, Physical Education, Physical Education (Coaching), Physics, Political Science, Psychology, Public Administration, Recreation, Religion, Sociology and Spanish.

## General Studies

The purpose of General Studies at Elon College is to provide students the opportunity to acquire the skills, the experiences and the knowledge needed to obtain the broad philosophical, aesthetic, historical and scientific bases for understanding and evaluating human experience. As means to that end, the College offers all students a broad range of experience in four areas:

First, the Foundational Studies area helps the student develop the ability (1) to think clearly and critically, (2) to write clear, correct and graceful English prose, and (3) to use methods of computation and understand quantitative relationships and mathematical systems.

Second, Liberal Studies acknowledges that an important goal of an undergraduate education is adaptability, since the future will include not only evident problems but the unforeseen. The five sub-areas in Liberal Studies (expression, science, reflection, civilization, society) reflect a broad and diversified curriculum designed to prepare students for a future of continual growth.

Third, courses offered for Advanced Studies, particularly those courses offered as general studies seminars, involve more than one perspective and frequently more than one discipline.

Fourth, Physical Education is designed to promote life-long fitness.

General Studies are by nature cumulative and developmental. Thus the Elon College student will deal with these issues throughout his college years from initial enrollment to graduation.

## Independent Study and Research

An integral part of the educational program at Elon College is the opportunity to do independent study and research. In independent study courses, with the assistance of faculty members, students develop goals and learning activities. Students sometimes engage in off-campus independent study and research.

## Experiential Education

Elon College strongly supports programs which allow students to relate their classroom learning to a work experience. An active cooperative education and internship program provides opportunities throughout the academic year and during summers for students to test career objectives, to integrate theory with practice and to examine future job possibilities.

Internships may be developed through the academic departments. Positions are directly related to majors, may be full or part time, and are usually supervised by Elon faculty. Departments which require internships of their majors include Education, Human Services and Journalism-English. Internships are frequent in the fields of Communications (radio broadcasting), Community Recreation, History and Public Administration.

Cooperative education at Elon is designed to meet student needs. Some positions involve alternating terms of work and study beginning in the second half of the sophomore year and continuing through graduation. Other co-op positions involve several terms in a part-time job. Students are placed in positions which offer pay and opportunities for increasing responsibility. For more information, students should contact the Director of Cooperative Education.

### **Professional Programs**

Elon College offers professional programs in Accounting, Business Administration, Education, Music, Journalism-English, Human Services, Public Administration, Computer Information Science, Cytotechnology and Medical Laboratory Technician. Graduates of these programs are prepared to enter beginning-level professional positions. Graduates who are qualified to do so may wish to continue their studies in graduate school.

### **Preprofessional Programs**

Elon College offers programs which prepare students for professional studies in such fields as medicine, dentistry, law, theology. In addition, Elon prepares students to enter any professional program, either at the graduate or undergraduate level, that is based on a liberal arts education.

### **Prelaw**

According to the Association of Law Schools, there are two objectives of undergraduate education for law students: first, the student should learn to reason logically; second, the student should learn to express thoughts clearly and concisely both orally and in writing. A number of majors at Elon provide background for admission to law school.

### **Premedical and Predental**

Medical and dental schools desire students who have demonstrated academic excellence in science fields combined with the broad base supplied by the liberal arts. Students interested in medical or dental school are encouraged to major in Biology or Chemistry. Those interested in a career in veterinary medicine, optometry and other health professions generally complete the same courses as premedical and predental students.

### **Preministerial (Any Full-time Christian Vocation)**

The educational program at Elon College provides opportunities for students who wish to prepare for the various aspects of Christian ministry. Although no particular major is required, there are many courses and other educational/service experiences that permit students to explore their interest in and fitness for religious vocations. In general, church-related vocations students should expect to major in Religion or any of the Liberal Arts areas.

## **All Preprofessional Majors**

Students entering any preprofessional program should plan carefully, using the catalog of the professional school they wish to enter as a specific guide to choosing courses at Elon College. In order to assist students, Elon provides the services of faculty advisors for each specific preprofessional program. The Academic Advising Center staff is also available to help.

## **Special Academic Programs**

Elon College offers various programs for those people with special needs and qualifications.

### ✓ **Academic Honors Program**

- Provides opportunity for academically talented students.
- Develops Academic Enrichment and Honors Courses.
- Allows enrollment by academic performance and interest.
- Assists students interested in graduate study.

### ✓ **Academic Skills Program**

- Assists students in understanding the basic concepts of reading, mathematics and communication skills.
- Gives small group instruction.
- Offers individual assistance by tutors and self-paced programs through the Learning Resources Center.
- Is offered in regular and summer sessions.

## **College Programs**

All students are encouraged to attend programs for cultural and intellectual enrichment offered on the campus. Students who register for College Programs and attend a minimum of 20 approved events per year earn one semester hour with a P grade. No tuition is charged for College Programs, and students are not penalized if they do not attend the required number of events. A schedule of cultural and intellectual events is published each semester.

### ✓ **Continuing Education**

- Designed to encourage adults to return to college for further study.
- Offers special "preview privilege" for first-time non-traditional students.
- Conducts re-entry seminars for adults interested in entering college.
- Offers a wide variety of non-credit courses throughout the year.

### ✓ **Direct Transfer**

*Community College or Junior College*

Offers graduates of a college parallel program from an accredited junior college or community college full credit with a direct transfer of up to 65 semester hours of work toward a *Bachelor of Arts* or *Bachelor of Science* degree.

*Community College or Technical Institute*

Offers graduates of a technical or vocational program from an accredited community college or technical institute full credit with direct transfer of up to 65 semester hours of work toward a *Bachelor of Applied Arts* or *Bachelor of Applied Science* degree.

### ✓ **High School Credit Bank Program**

Makes it possible for the student to have sophomore standing at the time of college entrance through completion of two Elon summer sessions of two courses each and two courses at Elon during each semester of the high school senior year.

### **Military**

#### **ROTC**

Offers military science program leading to commission in U.S. Army upon graduation.

Offers built-in financial assistance and special scholarship programs.

#### *Credit for Veterans*

Offers military personnel on active duty opportunity to submit CLEP credit by contacting their Education Officers or USAFI in Madison, Wisconsin, for testing.

Accepts credit for USAFI courses taken while in service.

Transfers work completed at other accredited post-secondary institutions.

Accepts service experience for physical education requirements.

#### *Bootstrap and Project Ahead*

Offers degree programs to military personnel on educational leave.

Opens doors for persons who have not entered or completed college.

Grants credit for USAFI, CLEP, previous college work, and/or service experience according to ACE guidelines.

Offers built-in financial assistance.

### **Study Abroad**

Study-tours are scheduled as desired or needed to enhance a program and give students an opportunity to learn first hand from other countries and cultures. Tours are traditionally scheduled for the winter "mini-term" and summer session.

### **Academic Support Services**

Elon College seeks to meet the individual academic needs of the students who enroll. In order to accomplish this the College places emphasis on a variety of academic support services.

### ✓ **Academic Advising Center**

Students are assigned faculty advisors before they enter Elon College. An important part of the Academic Advising Center's service is the providing of selected faculty advisors for Pre-Majors, students who have not yet decided upon their major field of study. At some time during the freshman year or the sophomore year, students choose majors and are assigned faculty advisors within their major departments or programs. Special advising assistance is available for students in preprofessional programs such as Prelaw and Premed.

Closely associated with the Academic Advising Center is the Career Development and Placement service. Through testing programs, an exten-



sive careers library, and personal counseling, the student is encouraged to explore career opportunities. Efforts are made to correlate college academic course work with the student's career objectives.

### ✓ Learning Resources Center

Located in Mooney Building, the Learning Resources Center is designed to meet the learning needs of a wide variety of students. Services provided include tutorial assistance for most academic areas, computer assisted instruction, the academic computer and terminals, a microcomputer lab, study-carrels for group study, video-taping equipment and viewing room, and an extensive variety of audio-visual equipment. Students are encouraged to utilize the Learning Resources Center to accelerate learning or to catch up.

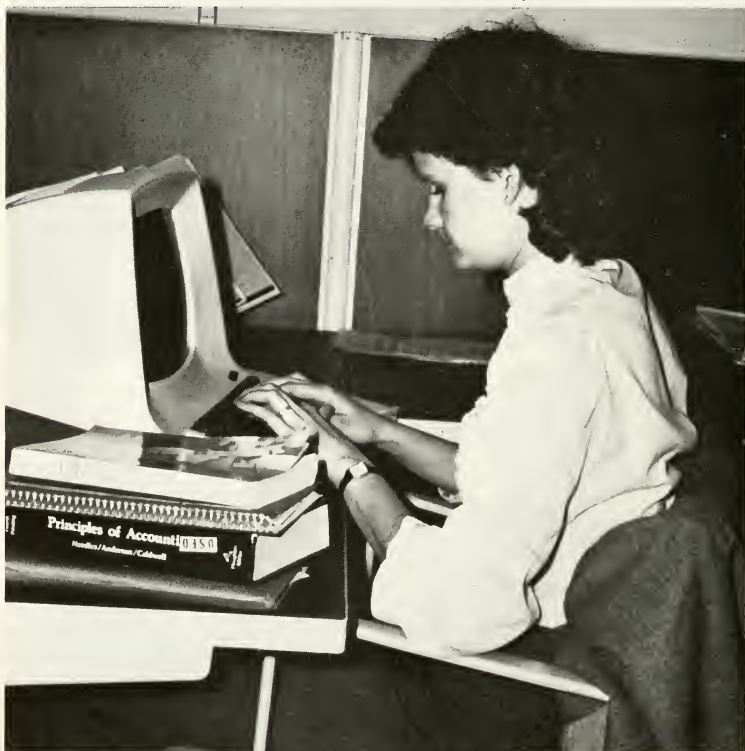


## **Library**

The McEwen Library contains a well-rounded collection of 150,000 volumes and other resources including multiple reading areas, seating space for 580, an art exhibit area, 276 private study spaces, an historical documents room, computer terminals for student use, and audio-visual equipment. The Library is a modern facility designed to provide a pleasant environment for study and research.

## **Computer Facilities**

The Learning Resources Center offers a variety of hardware capabilities and software support. The center is staffed with faculty, staff and student assistants to assist students with use of the computer. Formal courses and special seminars in the computing sciences and computer usage are also available. Every student and faculty member in Elon College is authorized for limited use of the computer, and additional usage may be authorized for research or for a course requiring use of a computer. In addition to the Learning Resources Center, terminals for student use are located in McEwen Library.



## Student Life



Elon is committed to educating the whole person. This is a place for learning — but not all learning is in books.

Student life is more than classrooms, laboratories, study desks and libraries. Experiences in the residence halls, service organizations, Student Government, the Student Center, spontaneous social groups, and on intramural teams are critically important in the student's total development.

Through the many opportunities the College makes available throughout the year, the student can develop important insights about genuine communication, self-government, liberty, trust, honor and critical judgment. Programs designed by well-qualified faculty, staff and students provide — in the residence halls, on the playing fields, at the controls of the FM radio station, at Student Senate meetings, and in the classroom — opportunities for the student to develop an adequate self concept, a sense of career, a philosophy of life, and sound ethical and moral principles.

Students are encouraged to participate in those co-curricular and extra-curricular activities that interest them or are complementary to their academic programs.

### ✓ Student Personnel Services

*Counseling Service.* The College maintains a Counseling Service staffed by administrators and specially selected and trained students. This Service is designed to assist students with personal and vocational decisions.

*Personal Counseling.* Counselors are available twenty-four hours a day and are responsible for providing help to each resident student. In each residence area there is an Area Coordinator. In addition, within each residence hall there is a staff of Resident Counselors.

Supporting the residence hall staffs are personnel associated with the Office of Student Affairs and the Counseling Office. Identifying and meeting problems at an early stage offer a greater likelihood that genuine help can be given. Therefore, students are urged to make their needs known to any person or persons associated with the Counseling Service.

✓ *Career Development and Placement.* The Director of Career Development and Placement assists students in their choice of profession. Through testing programs the student is encouraged to explore fully all possible job opportunities. As he passes through this process, emphasis is placed upon "life planning" so that career choice fits personal interest, ability, talent and job availability.

The Director also assists seniors and alumni in finding employment after graduation. Visiting representatives from industry, business, education, and government interview candidates on campus. With written permission from student or graduate, credentials are made available to prospective employers on a confidential basis. No charge is made for this service with the exception of a fee connected with sending official College transcripts.

*Health Service.* The College maintains a Clinic. Located in William S. Long Student Center Building, it is open during regular hours each class day. The medical fee, which is included in the general fee, covers all emergency, clinic, and routine nursing services, and treatment by the College Physicians. This fee does not cover cases in which a physician other than a College Physician is called.

All students must present evidence that they are covered by health insurance.

An opportunity to purchase a health insurance policy is provided to all full-time students.

*Campus Living.* Residence halls are modern and attractive. Each room is furnished with beds, bureaus, desks, and chairs. The student brings pillow, pillowcases, sheets, blankets, bedspreads, towels and such other articles as a wastebasket, rugs, and lamps. Residence halls open 2:00 p.m. the day before registration each semester. They are closed during Thanksgiving, Christmas, Spring, and Summer vacations. Rooms will be vacated and residence halls locked no later than 4:00 p.m. on the day classes end before these vacation periods. Provided on-campus housing space is available, all students are required to room in the residence halls unless they are living with their parents, relatives, or spouse. The College assists students in finding off-campus housing, but it cannot serve as an intermediary in any way between the student and his landlord.

Students have access to laundry facilities on campus.

Meals are served in the College dining halls, which are opened for the evening meal before the first day of registration and closed after the noon meal on the last day of final examinations. For vacation periods, they are closed after the noon meal of the last day of classes and opened with the evening meal the day before classes are resumed.

✓ *Commuter Students.* Programs designed to meet the particular needs of commuter students are offered through the Office of Commuter Affairs, staffed by student peer counselors. Weekly meetings, discussion groups, "lunch talks," special projects, counseling, and other activities form part of the commuter student's experience. Car pool information and off-campus housing listings are also available in the commuter student office.



## Freshman Orientation

Freshman Orientation is held immediately prior to the opening of the Fall Semester. All entering students are expected to participate in the program which is designed to assist in preparing for the beginning of the College experience. Orientation features the use of small group activities as well as academic advising, testing, registration, lectures, and social activities.

## The Student Center

Social activities at the College are largely planned and coordinated by the Student Union Board which is advised by the Director of Student Activities and composed of students. An extensive program of social, recreational, club, and special interest activities is carried out during the year. Among these are movies, folk entertainment, travel groups, special theme parties, intramurals, and drama activities.

## Student Government

Representing the interests of the Elon student body is the Student Government Association (SGA). It enjoys the full support and cooperation of the faculty and staff of the College. Projects and proposals dealing with social, cultural and academic life are promoted by the SGA President and the Student Senate.

In addition, Area Councils, designed to provide self determination in each residence area, carry out important student governing functions. Finally, students play a direct role in academic and social policy-making through voting membership on numerous College committees.

## Honor System

At the heart of campus life is the Honor System, initiated by the student body and approved by the faculty and the Board of Trustees of the College. This system is a code of student living under which it is assumed that all students will conduct themselves as ladies and gentlemen.

The Honor System consists of two codes — the Honor Code and the Campus Code. Under the Honor Code the student is on his honor to be honest and truthful. Under the Campus Code the student is bound to be a lady or a gentleman and to conduct himself or herself as such at all times. He or she is expected to see, insofar as possible, that fellow students do likewise. A full description of the Honor System and of the Rules and Regulations pertaining to campus life is found in the *Elon Student Handbook*.

## Religious Life

Responsibility for College Religious Life rests with the Chaplain, who coordinates all on-campus religious programs. Voluntary religious services are held during the academic year. The Elon College Community Church, just off the campus, is affiliated with the United Church of Christ and open to all students for worship. Most denominations have churches within a few miles of the campus. Groups meet regularly for Bible study, group discussions, service projects and social activities.



## ✓ Cultural Life

Each year a variety of programs is offered for the cultural and intellectual enrichment of campus life.

The Lyceum Series brings outstanding artists and performers to the campus during the year.

The Liberal Arts Forum, sponsored by the Student Government Association, schedules a number of lectures and presents an annual Spring Symposium.

A number of distinguished scholars in various fields are invited to the campus each year to provide lectures and seminars for the enrichment of the academic program.

There are also recitals in Whitley Auditorium by members of the Fine Arts Department faculty and advanced students in music. Several band and orchestra concerts are scheduled. Each year before the beginning of the Christmas holidays, the Elon Choir presents Handel's oratorio, *Messiah*.

Plays presented by Elon students and by visiting drama groups are also a feature of the College's cultural offerings.

## ✓ Greek Organizations

There are ten social fraternities and sororities at Elon. A number of these occupy College-owned houses. Fraternities include Tau Kappa Epsilon, Kappa Alpha, Kappa Sigma, Sigma Phi Epsilon, Sigma Pi, and Pi Kappa Phi; sororities are Zeta Tau Alpha, Sigma Sigma Sigma, Phi Mu, and Alpha Sigma Alpha.

## ✓ Honor Societies

*Alpha Chi.* The objective of this national scholastic society is the stimulation, development, and recognition of scholarship and those elements of character that make scholarship effective for good. To be eligible for membership, a student must be a junior or senior, must be of good standing, and must have distinguished himself by academic accomplishments of a high order.

*Beta Beta Beta.* The objective of this national honor society is to recognize scholastic achievement in the Biology program.

*Epsilon Beta Epsilon.* The objective of this honor organization is to recognize scholastic achievement by majors in economics and business courses.

*Mu Lambda Tau.* This honor society recognizes scholastic achievement in the Medical Laboratory Technician program.

*Omicron Delta Kappa.* This national society recognizes students, faculty, alumni, and outstanding citizens for exemplary character, scholarship and intelligence, service and leadership in campus life, good citizenship within the academic and larger community, fellowship and consecration to democratic ideals.

*Phi Alpha Theta.* The objective of this national honor society is to recognize scholastic achievement in the History program.

*Pi Gamma Mu.* The North Carolina Alpha chapter of Pi Gamma Mu, national Social Science Honor Society, was chartered in 1929 and is one of four in North Carolina. Student and faculty members who attain distinction in the social sciences at Elon are eligible for nomination into membership.

*Sigma Sigma Epsilon.* The objective of this honor organization is to recognize scholastic achievement in the Office Administration program.

*Sigma Tau Delta.* The objective of this honor organization is to recognize scholastic achievement in English.

*Theta Alpha Kappa.* The objective of this national honor society is to recognize students and faculty for scholastic achievement in the field of religious studies.

## ✓ Student Organizations

*Class Organizations.* Each class has its own organization and elects its officers and representatives to the Student Government each year.

*Elon Band.* The Elon College Band is composed of two units: the Concert Band and the stage band, the Emanons of Elon. Membership in the band is open to all members of the student body.

*The Elon Choir.* The Elon Choir, the student mixed chorus, presents concerts of sacred and secular music at the College and in various communities in North Carolina and other states and sings for College convocations and vesper services. Membership is open to all students.

*Elon College Fellowship.* The ECF is open to all students who wish to participate in regular sessions for prayer, Bible study, and informal discussion aimed toward the development of a Christian lifestyle.

*Elon College-Community Orchestra.* The College-Community Orchestra is made up of students and townspeople who enjoy active participation in a symphony-type musical organization. Weekly rehearsals are held, with full-length concerts given in the fall and spring and other appearances at such occasions as the annual presentation of Handel's *Messiah*.

*Sigma Alpha Mu.* This is a club open to all students in Business Administration or related fields. Its purposes are to sponsor programs for the betterment of all students and to promote the business, social, and economic welfare of the individual members of this organization.

*Departmental Groups.* In addition to the above-named organizations, there are the following departmental groups: the Business Students Communications Committee, the Student Chapter of the Music Educators National Conference, the Student Chapter of the North Carolina Music Teachers Association, and the Student National Education Association.

*The Elon College Gospel Choir.* This group provides musical performances on campus and in area churches.

*The Fellowship of Christian Athletes.* Founded by athletes, this group is open to all students who are interested in regular gatherings for spiritual revitalization.

*Elon Drama Club.* This club is open to anyone on campus and is dedicated to the production of plays during each year.

*American Chemical Society.* This club is open to students of chemistry and related disciplines.

## ✓ Communications Media

*The Board of Student Communications Media.* The Board is composed of students and members of the faculty and administration. It advises, guides, and encourages all student media on campus.

*Communicator.* The College publishes a weekly newsletter containing information of general interest to members of the student body, faculty, and administration.

*Elon Colonnades.* This is the College literary magazine. It is published by students interested in creative expression, both verse and prose.

*The Pendulum.* The College newspaper, *The Pendulum*, is published weekly by a student staff.

*Phi Psi Cli.* The College yearbook is edited by members of the student body. Its name, *Phi Psi Cli*, commemorates the three former literary societies.

*Radio Station.* WSOE-FM, the campus radio station, operates each day and is manned primarily by students. The station broadcasts from a modern facility in Harper Center.

## Service Organizations

*Elon Collegiate Civinettes.* The Civinettes is a service club sponsored by the Burlington Civitan Club. They provide service to the College and community through projects on and off campus.

## Who's Who

A committee composed of members of the faculty, administration, and student body each year elects students to be listed in the national publication *Who's Who in American Colleges and Universities*. Selection is made on the basis of scholarship, participation and leadership in academic and extracurricular activities, citizenship and service to the College, and promise of future usefulness.

## ✓ Athletics

*Intramurals.* The purpose of the intramural program is to give all students an opportunity for healthful activity and recreation. Both men and women participate in football, racquetball, volleyball, co-rec volleyball, water polo, badminton, tennis, basketball, and softball.

Winning teams and individuals are awarded trophies in all sports.

The Intramural Council, composed of representatives of all social clubs, dormitories, and the commuter student group, is an advisory group for the Director of Intramural Programs and his staff and works to promote the program.

*Intercollegiate.* A member of the Carolinas Intercollegiate Athletic Conference, the South Atlantic Conference, the National Association of Intercollegiate Athletics, and the Association of Intercollegiate Athletics for Women, Elon has teams which compete with other colleges in football, basketball, wrestling, baseball, tennis, golf, track, soccer, women's volleyball, cross country, women's basketball and women's softball.

## Traditional Events

*Alumni Day.* This day is one of the highlights of the year and the time for class reunions. The Alumni Association honors its outstanding alumnus of the year at the Alumni Banquet.

*Founders Day.* A convocation honoring the founders of Elon College is held in the spring of the year.

*Greek Weekend.* A time for relaxation, competition, and fun is sponsored each spring by Greek letter organizations. Contests of various kinds — tug of war, potato sack races, chariot races, dance competition, and skits — are presented with prizes awarded to the winners of each category.

*Homecoming.* Homecoming takes place in the fall, bringing back to the campus many former students. Entertainment includes golf and tennis tournaments, a football game, and the homecoming dance.

*Parents' Weekend.* At some time during the year parents are invited to visit the campus and participate in several events planned especially for them.

## Awards

*The Basnight Awards.* Given in memory of the late Stein H. Basnight of Chapel Hill, N.C., by his family, to the (1) Outstanding Biblical Student and (2) Outstanding Athlete.

*Robert C. Browne Memorial Sportsmanship Award.* Established in memory of Robert C. Browne, an alumnus of the College, by his sister, Pretto Browne Crumpton, and her husband, Dr. J. L. Crumpton. The award is presented annually to the Elon College athlete who has best displayed the qualities of sportsmanship during the year.

*English Scholar of the Year.* Awarded to the rising senior English major who, in the opinion of the English faculty, has best demonstrated superior qualities of scholarship and character during this school year. Donations from members of the English faculty provide for this award annually.

*Human Services Award.* Awarded to the senior Human Services major who, in the opinion of the Human Services faculty, has most clearly demonstrated high academic achievement and superior qualities of character and service.

*W. L. Monroe Christian Education and Personality Awards.* In memory of Dr. W. A. Harper and Dr. John G. Truitt. A trust created by the late W. L. Monroe, Sr., Class of 1918, provides two cash awards to the recipients. Emphasis is placed upon citizenship, modest economic background, qualities of good common sense, desire to help others and the improvement of the whole person.

*Pi Gamma Mu Scholar Award.* Presented by the North Carolina Alpha Chapter of Pi Gamma Mu, National Social Science Honor Society, to the outstanding student in the division of the Social Sciences.

*The Shackley Awards.* Two awards given by the late Dr. George Shackley of St. Petersburg, Florida, to (1) the student showing most improvement in piano during the year and (2) the student showing most improvement in organ during the year.

*The Marcella Rawls Saecker Award.* This award, in memory of Mrs. Marcella Rawls Saecker, Class of 1942, is presented to a senior woman whose citizenship best exemplifies the goals and philosophy of Elon College.

*Ella Brunk Smith Memorial Fund.* This endowment fund was established in memory of the late Ella Brunk Smith by her husband, Dr. L.E. Smith, fifth president of the College. The income from the fund is to provide a cash award each year to the young lady who, in the judgment of the faculty upon recommendation of the Department of Religion, has made the greatest contribution to the moral and religious life of the campus.

*Dudley Ray Watson Memorial Award.* Awarded to the outstanding senior at Elon College majoring in Business Administration. This award is sponsored by the Elon Chapter of Sigma Alpha Mu.





# Admissions, Finances, and Financial Aid



## Admission Procedures

Elon College operates on the Rolling Admissions Plan — completed applications are acted upon and candidates notified within two to four weeks. Admission is based on the high school record and class rank, SAT or ACT scores, recommendations and, in the case of transfer students, previous college work and recommendations. While a personal interview is not necessary, it is helpful both to the prospective student and to the College.

Elon College admission packets are available from many high school guidance offices or directly from the Admissions Office of the College. Completed applications should be returned with a non-refundable \$15 application fee and transcripts of all high school credits and any post secondary work attempted.

Degree candidates and special students must satisfy the Committee on Admissions as to intellectual promise, and emotional and social stability.

Admission generally requires no fewer than the following number of units of high school credit:

English 4 units	One Foreign Language 2 units
Math 2 units (Algebra I & II or Algebra I & Geometry—Algebra I & II preferred)	
History 1 unit	Science 1 unit

## Entrance Examinations

Applicants for admission to Elon College are required to submit their scores on the Scholastic Aptitude Test of the College Entrance Examination Board or the American College Test of The American College Testing Program. For either test, scores should be sent directly to Elon College.

Application blanks, lists of testing centers and dates, and rules on applications, fees, reports, and the conduct of testing are available in most high school guidance centers in the United States.

### **Acceptance On Condition**

Students who have been graduated from a secondary school but do not meet the requirements in subject matter areas and units may be accepted on condition. Any deficiency must be removed at Elon before the beginning of the sophomore year. A student entering with a deficiency may not be able to complete degree requirements in eight regular semesters.

Students whose deficiencies indicate a need for special work may be required by the Admissions Committee to participate in the Academic Development Program. Upon successful completion of this work and recommendation by the Academic Development Program Coordinator, the student may proceed with regular course work.

### **Special Students**

The College admits a limited number of special students. These include:

1. *Persons who wish only private music instruction* in the Department of Fine Arts. Such applicants are admitted if instructors are able to schedule lessons for them.

2. *Persons 21 years of age or older who are not high school graduates* or candidates for a degree but wish to take class work. Such applicants are accepted on the basis of maturity, seriousness of purpose, and background sufficient to do the class work desired.

3. *College graduates* who are interested in further study at the College. Such applicants are admitted if they fulfill the requirements for admission to the desired courses and if they secure the recommendation of the Dean of Admissions following an interview.

4. *High school students* who wish to take work on the Elon campus prior to and during their senior year. Credit for this work is generally transferable to other institutions. Sufficient credits may be earned to enable students to have sophomore standing prior to regular admission.

5. *High school students who wish to enter Elon at the end of their junior year* may submit an application for special consideration for early admission.

### **Advanced Placement and Credit**

Applicants for admission to freshman status may be placed in advanced classes of subjects in which they have demonstrated superior ability and understanding. Recommendations for advanced placement come from the Dean of Academic Affairs with the approval of the department chairman.

#### **Advanced Placement Examination**

Students who earn a score of 3 or better in the Advanced Placement Tests of the College Entrance Examination Board taken at the high school during Spring of the senior year may receive credit in the following fields: Biology, Chemistry, English, History, Mathematics, Physics. Scores should be sent to the Office of Admissions for approval by the Dean of Academic Affairs.

**College Level Examination (CLEP)**

Students who score in the 50th percentile or better on CLEP subject examinations may earn as many as 26 semester hours of credit in the following:

Accounting 211, 212; Biology 111, 221; Chemistry 111, 112; Economics 211, 212; English 111, 112; History 111, 112, 211, 212; Mathematics 111; Psychology 211.

Scores should be sent to the Office of Admissions for approval by the Dean of Academic Affairs.

**American College Testing Proficiency Examination Program (PEP)**

Students who demonstrate proficiency in the PEP examination may earn college credit in the following:

American Literature 221, 222; Freshman English 111, 112; Accounting 211, 212; Education 211; Educational Psychology 321; Physical Education 120.

Scores should be sent to the Office of Admissions for approval by the Dean of Academic Affairs.

**Department Examination**

Students may contact the Dean of Academic Affairs for details concerning the process of credit through examination by departments at Elon in areas not covered above. The cost for each examination is \$25.00.

**Transfer Program Information****Direct Transfer Program in Applied Arts and Applied Sciences**

Students receiving an Associate of Applied Arts or Applied Science Degree in a vocational or technical area from an accredited technical institute or community college may transfer all work up to and including 65 semester hours (or equivalent) for application toward a BAS (Bachelor of Applied Science) or a BAA (Bachelor of Applied Arts) degree. However, the BAA in Early Childhood Specialist will NOT meet teacher certification requirements in North Carolina.

Requirements for BAA or BAS Degree:

1. A student will transfer his major (Applied Arts or Science degree).
2. General Studies requirements will be completed at Elon College.
3. Enough additional elective hours will be earned at Elon to equal the 126 required for graduation.
4. Admissions requirements in Mathematics and Foreign Language must be satisfied prior to graduation.

**Direct Transfer Program in Liberal Arts**

Graduates of accredited community colleges or junior colleges who hold an Associate of Arts or an Associate of Science Degree may continue their education at Elon College and receive full credit for their study at the junior college level, with direct transfer of up to 65 semester hours of work.

Requirements for an AB or BS Degree:

1. Requirements for a major must be completed at Elon.
2. General Studies requirements will be completed at Elon.
3. Additional elective hours to equal the 126 necessary for graduation will be completed at Elon.

4. Any freshman admissions deficiencies in Mathematics or Foreign Language will be completed at Elon.
5. It is necessary that a student have 36 hours of credit at the Junior-Senior level to qualify for graduation.

### **Transfer of Partial Credit (No Associate Degree)**

Credit is given for college-level courses from any accredited institution insofar as they parallel courses at Elon. However, no credit is allowed for a course in which the grade is below that of "C," except in direct transfer or authorization from the Dean of Academic Affairs.

### **Credit for Veterans**

Veterans entering Elon may transfer certified credits from various areas.

1. Military personnel on active duty who wish to submit CLEP credits should see their Education Officers concerning CLEP tests or write to USAFI, Madison, Wisconsin.
2. USAFI courses taken while in the service may be accepted for credit.
3. Work for other accredited post-secondary institutions may be accepted.
4. Service experience may be accepted for physical education and health requirements.

### **Acceptance and Room Reservation Fees**

*All Resident Students.* To complete acceptance and to reserve a room, a deposit of \$125 is due within the time specified in the letter of acceptance. This deposit is credited to the student's account. The full amount is refundable until May 1, with written notification of withdrawal. After May 1, \$25 is refundable until August 1. For the spring semester the full amount is refundable until December 15. A forfeited deposit can be refunded only upon a doctor's statement of applicant's inability to enroll.

If a resident student decides to commute, the Admissions Office must be notified before May 1, in order to get full credit for the room deposit.

*All Commuter Students.* To complete acceptance, a deposit of \$50 is due within the time specified in the letter of acceptance. It is not refundable after May 1 for the fall semester, and December 15 for the spring semester, except upon a doctor's statement of applicant's inability to enroll.

### **General Costs**

The cost of attending Elon College is purposely held at a reasonable level. The chart on the following page gives the particular charges for resident and commuter students. Please note that there are special tuition rates for part-time students.

Student Government Association and PIRG fees are collected from all full-time students during registration. The fees cover activities of these organizations.

*Room Rent.* Students changing rooms without permission of the dean are charged for both rooms.

*Board Costs.* All resident students are required to board in the College dining hall. The cost of board is subject to change without notice. Double charge is made for special diets. Upperclass resident students may select a five-day meal plan.

Students living off campus but enrolled as full-time students may eat in the College dining hall upon payment of board fees for each semester as determined by the Business Office, or through buying individual meals.

**Book Expenses.** The estimated cost of textbooks is \$200 to \$250 for the academic year, of which \$125 is needed for purchases from the campus bookstore at the opening of fall semester.

**Costs Covered by Tuition.** Included in the tuition fees are costs of registration, use of the library, recreation facilities, admission to home athletic events, student publications, health service, post office box, regular laboratory fees, and 10 to 18 semester hours of work, inclusive each semester.

The tuition fees and estimated book expenses do not include fees for special courses and special laboratory work, which will depend upon the course of study undertaken. Personal expenses will vary with the individual student. For the student who must earn money toward his or her college expenses, there are a number of opportunities for work to be found through the Financial Aid Office.

## Expenses for the 1983-84 Academic Year

### Full-Time Enrollment\* (12-18 hours)

	Fall Semester	Winter Term**	Spring Semester
Tuition .....	\$1,500	\$220	\$1,500
Room .....	370	110	370
Board *** (Winter Term billed with Fall Semester)			
7 day plan .....	660	160	500
5 day plan (not available to freshmen) .....	565	130	435
Student Government/ PIRG .....	20		20
Overload (more than 18 semester hours) .....	60/hour		60/hour
Caution/Damage Deposit (refundable, applies to dorm students only) .....	50		

\*Students enrolled for only 10 or 11 hours in Fall or Spring will be charged for the full semester's tuition.

\*\*If a student is enrolled full-time for either Fall or Spring semester, there is no charge for the Winter Term except for board. Any fees paid, excluding board, will be credited against other charges.

\*\*\*After the beginning of a semester, a \$20.00 administrative fee will be charged to change meal plans.

### Part-Time Enrollment

Tuition for day or evening courses (no more than 9 hours  
per semester) ..... \$60/hour



**Summer School 1983**

Tuition per semester hour .....	\$ 55
College enrollment fee including SGA of \$1 .....	45
Room and Board per summer term .....	290

**Special/Optional Fees (No Refunds)**

Fine Arts Courses (individual lessons)	
For Summer School and part-time students, special fees are charged for applied music and art lessons.	
One semester hour credit or audit .....	\$130
Two semester hours credit or audit .....	220
Auditing Courses — per course .....	45
Driver Training — PE 260 .....	25
Golf — PE 105 or PE 161 .....	20
Scuba — PE 209 .....	To be announced

**Graduation Fees**

Bachelor Degree .....	\$22.50
Associate Degree .....	12.50

**Miscellaneous**

Late registration/Re-enrollment during term .....	\$25
Late Payment .....	25
Drop/Add course after classes begin .....	10
Transcripts .....	3
Caution deposit (dorm damage and key) refundable when student leaves campus housing .....	50
Examination for course credit .....	25
Automobile registration	
Resident students .....	15
Commuter students (up to 2 cars) .....	8
Each additional automobile .....	1
Replace I.D. Card .....	5
Replace Meal ticket .....	5
Returned check fine .....	10

A student's or graduate's diploma and transcripts will be withheld until his/her financial obligations to the College are settled. A student cannot register for further course work until financial obligations to the College are settled.

**Refunds****Academic Year — Fall and Spring Semester**

Tuition, fees and room charges are refunded on a pro rata basis during the first four (4) weeks of the semester. Any part of a week will be considered as a full week for all pro rata charges.

If enrollment is dropped during:

1st week pro rata charge 20%

2nd week pro rata charge 40%

3rd week pro rata charge 60%

4th week pro rata charge 80%

5th week - No refund

Upon Withdrawal, Meal Ticket refunds are pro rated.

### Notice of Withdrawal

In order to be eligible for refund upon withdrawal, a student must notify the Dean of Student Affairs in writing of his/her intentions. The student must also check out with the Financial Aid Office and the Cashier. Refunds are calculated as of the date of written notice to the Dean of Student Affairs.

### Winter Term and Summer School

Enrollment dropped during the first week of Winter Term or Summer School will warrant 50% refund of tuition, room and board. There will be no refunds after the first week of classes.

### Payment Plans

The College makes several private payment plans available. These plans may be multiple year plans and may or may not include life insurance. Literature is distributed to entering Freshmen and is available in the Financial Aid Office.

### Financial Aid

*83% of students get fin. aid.*

Elon College operates on the policy that no student should be denied a college education because of limited funds. As far as possible eligible students are aided in meeting costs through careful planning and through various forms of financial assistance.

To be eligible to receive any type of financial aid except The Pell Grant (Basic Educational Opportunity Grant) students must be enrolled for at least 12 semester hours of classes per semester. Pell Grants require at least six semester hours, and the amount of the grant depends upon the hours enrolled.

There are three types of aid:

- Grants that require no repayment.
- Long term, low interest loans.
- College Work Study and Institutional Work Study.

Financial aid usually includes some portion of each type of assistance.

Applications for a "named" scholarship are not necessary. Recommendations are made by Financial Aid Committee.

Prior to May 1 EACH YEAR entering students, transfer students and continuing students MUST do the following: (1) complete a Financial Statement of American College Testing Program, (FFS) or College Scholarship Service (FAF); (2) complete the BEOG section of the form; (3) request that a copy of the FFS (Elon Code #3096) or FAF (Elon Code #5183) be sent to Elon College; (4) complete an Elon application for financial aid; and (5) send a signed copy of the IRS form 1040 for the previous year to the Office of Admissions and Financial Aid, Elon College.

Students who feel they are financially independent of their parents should contact the Elon College Office of Admissions and Financial Aid for application instructions.

## Government Sponsored Financial Aid Programs

*Pell Grants.* These grants are based on need. (The application form is contained with FAF or FFS.) A financial statement and Elon College application for financial aid are required. The student receives an eligibility report which he or she must send to Elon.

*National Direct Student Loan Fund.* Under the terms of this program, students at Elon College may secure loans from this fund. To be eligible a student must maintain a good standing, be in need, and have been accepted for enrollment to carry at least half of the normal full-time work load. Interest rate is 5 percent and begins six months after a borrower ceases to pursue at least a half-time course of study. A financial statement and Elon College application for financial aid along with tax forms are required.

*Supplemental Education Opportunity Grant Program.* Grants are available to students who demonstrate a great financial need. A financial statement and Elon College application for financial aid along with tax forms are required.

*Parental Loan Program.* Loans are available to parents of students enrolled in a post high school educational program. Repayment will begin within 60 days of disbursement and interest accrues at the rate of 12 percent.

*Guaranteed Student Loan Program.* The Guaranteed Student Loan Program is designed to make it possible for students to borrow from private lenders to help pay for the cost of education and training at universities, colleges, and vocational schools with the Federal Government paying part of the interest for qualified students. Loans are either guaranteed by State or private nonprofit agencies or insured by the Federal Government at an interest rate of 9 percent.

A student may apply for a maximum of \$2,500 per academic year. Total loans outstanding may not exceed \$12,500 for undergraduate students.

In North Carolina, this program is administered by College Foundation, Inc., Raleigh, North Carolina. In Virginia, it is administered by Virginia Education Loan Authority, Richmond, Virginia. Applications are available from the individual agencies or banks.

*College Work-Study.* Students who qualify for financial assistance and need a job to help pay for college expenses are potentially eligible for employment by their colleges under federally supported Work-Study Programs. Students may work up to 15 hours weekly while attending classes full time. During the summer or other vacation periods, students may work full time. To work under this program, a student must be in good standing and enrolled on a full-time basis.

*North Carolina Legislative Tuition Grant.* A \$650 tuition grant is available to all bona fide North Carolina residents in full-time study in a private college within the State. The application is completed during registration.

*North Carolina Contractual Scholarship Fund.* The North Carolina State Legislature has passed legislation providing funds for needy North Carolina residents who wish to attend a private college. These scholarships are administered by Elon College based on financial need. A financial statement and Elon College application for financial aid along with tax forms are required.

*North Carolina Student Incentive Grant.* Gift aid granted to low income North Carolina residents attending a public or private educational institution within the State. Grants are approximately \$200-\$2,000 and are administered by College Foundation, Inc.

## Student Employment

*Institutional Work-Study Program.* This program is maintained by the College to provide students part-time employment on campus to help defray their college expenses.

*Off-Campus Employment.* The College strives to help as many students as possible find part-time employment in the surrounding community.

## Presidential Scholarships

*Danieley Scholarship.* In honor of Dr. J. E. Danieley, sixth president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Harper Scholarship.* In memory of Dr. W. A. Harper, fourth president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Long Scholarship.* In memory of Dr. W. S. Long, founder and first president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Moffitt Scholarship.* In memory of Dr. E. L. Moffitt, third president of the College, a scholarship is awarded to some worthy member of the freshman class.

*Smith Scholarship.* In memory of Dr. Leon Edgar Smith, fifth president of the College, this fund was established by an initial gift from John T. Kernodle, of Richmond, Virginia. Additional contributions have been received from friends of former President Smith. The income from this endowment is used to aid worthy students.

*Staley Scholarship.* In memory of Dr. W. W. Staley, second president of the College, a scholarship is awarded to some worthy member of the freshman class.

## Academic Scholarships

*Walter H. and Barbara Day Bass Scholarship Fund.* This endowment was created by Mr. and Mrs. Bass, graduates of Elon College. The income from this fund is awarded to students who have financial need and a record of high academic achievement. The scholarship is renewable upon continued academic success and demonstrated good citizenship.

*Caddell Memorial Scholarship Fund.* Established in memory of Dr. Stephen Washington and Cora Bell Caddell by members of their family. Income from this endowment will be used as scholarship aid for a student of good character who has demonstrated high academic achievement.

*Wallace L. Chandler Scholarship Fund.* Established as an endowment to provide income for scholarships for students from the Richmond, Virginia, metropolitan area, who have demonstrated high academic achievement and have substantial promise for continued success.

*Elon Scholars Program.* Established by the trustees of Elon College. Scholarships are awarded each year to students with outstanding promise.

*Jesse Weldon Harrington Scholarship Fund.* This endowment was established by citizens of the community in honor of Mr. Harrington for his leadership and many years of dedicated service at Williams High School. Income from this Fund is used for Williams High School graduates who have demonstrated leadership and academic achievement.

*The Ralph F. and Florance Walker Kirkpatrick Scholarship Fund.* Established by Mr. and Mrs. Ralph F. Kirkpatrick of Burlington, North Carolina. Earnings from this endowment fund are used for the purpose of providing an annual scholarship to a student from Alamance County with an outstanding academic record.

*McCrary Scholarship Fund.* Established by Iris and John McCrary. Earnings from this fund will be used to provide a scholarship for academically talented students who have financial need.

*Jane Belk Moncure Scholarship.* Established in honor of Jane Belk Moncure, distinguished educator and author, by her husband, James A. Moncure, the income from this fund will provide a scholarship for an academically talented student.

*Elwood E. Stone Scholarship Fund.* Established in memory of Elwood E. Stone by his wife, Lucile C. Stone, and their son, Elwood E. Stone, Jr. The income from this endowment is awarded annually to a promising student who is pursuing a career in early childhood education.

*Margaret Delilah Bobbitt White Scholarship Fund.* Established in memory of Mrs. White by her son Colonel Henry E. White of Lexington, South Carolina. The interest from this endowment fund is awarded to an outstanding student, preferably from Vance County, North Carolina.

## General Scholarships

*Alamance-Caswell Scholarship Fund.* Created by a gift from an anonymous donor. The income from this fund is awarded annually to a student from Alamance or Caswell County who has demonstrated high academic achievement and high moral character and has need of financial aid.

*Nina and Dickie Andrews Scholarship Fund.* Mr. R. Homer Andrews created this fund in memory of his wife, Nina, and their son, Dickie. The income is to be used to provide scholarships for needy and worthy students, preferably from Alamance County.

*The Dr. J. O. Atkinson Memorial Scholarship Fund.* This endowment was created by the members of the family of the Reverend J. O. Atkinson.

*John W. Barney Memorial Scholarship Fund.* The fund was established by colleagues, former students, and friends of the late John W. Barney, a graduate of Elon College in the class of 1910 and a member of the faculty of the College from 1925 until his retirement in 1958.

*Barrett-Harward Scholarship Fund.* Created by William E. and Sue Barrett Harward in memory of Waverly S. Barrett, founder of the Dendron, Virginia, Christian Church and outstanding churchman and civic leader, and William D. Harward, Class of 1896 and minister of North Carolina and Virginia Christian churches for 45 years. The income from this fund is awarded preferably to a student pursuing the ministry or other full-time Christian vocation.

*Brannock Scholarship.* The Brannock fund was established by former students of Dr. Ned Faucette Brannock, who served as a member of the College faculty from 1908 to 1959. The earnings from the fund are used to provide a partial scholarship for a senior in the Department of Chemistry who engages in an original research project as part of his study program.

*The C. V. "Lefty" Briggs Athletic Scholarship Fund.* Established in honor of C. V. "Lefty" Briggs, class of 1930, member of the Elon College Sports Hall of Fame, by his daughters. The income from this endowment is awarded



annually to a man or woman who possesses outstanding athletic ability and high moral character.

*Burlington Business and Professional Women's Club Scholarship.* Provides scholarships for needy and worthy women students from Alamance County.

*Byrd Scholarship Fund.* Established by C. R. Jr. and H. W. Byrd. Earnings from this fund are used to provide scholarships for employees of Byrd's Food Stores, children of employees or students pursuing a course of study leading to a career in full-time Christian work.

*Luther Byrd Athletic Scholarship Fund.* This endowment was established by the many friends and former students of Luther Byrd. Income from the endowment will provide two awards annually — one to a deserving student who is a member of the basketball team and one to a student who is working his/her way through college as a member of the college's sports information office.

*Frederica Olsson Chase Memorial Scholarship.* In memory of Frederica Olsson Chase, deceased wife of Constant W. Chase, Jr., and mother of Dr. Carole F. Chase, the endowment was established by Mr. Chase to be awarded annually to one or more non-traditional students who are majoring in one of the liberal arts.

*Class of 1925 Scholarship Fund.* This endowment fund was established in "honor of the living and in memory of the deceased" members of the class of 1925.

*Class of 1930 Scholarship.* This endowment fund was established by the members of the Class of 1930.

*George D. Colclough Scholarship Fund.* Created by gifts from the family and friends of George D. Colclough, class of 1924, who served as a member and Secretary of the Board of Trustees of the College.

*The Alan Wheeler Crosby Scholarship Fund.* This fund was created in memory of Alan Wheeler Crosby of Hampton, Virginia, by the Crosby family and his friends.

*Dewey Hobson Dofflemeyer Scholarship Fund.* Established in memory of Dewey Hobson Dofflemeyer by his wife, Annie Onley Dofflemeyer. Dr. Dofflemeyer, a churchman, teacher, and businessman, was graduated from Elon College with the class of 1920.

*The W. Clifton Elder Scholarship Fund* was established by the family and friends of W. Clifton Elder, alumnus and long-time member of the board of trustees. Income from this endowment will be awarded annually to a well-rounded, deserving student, preferably from an Alamance County textile family, who can demonstrate a need for economic assistance.

*Sadie V. Fonville Memorial Fund.* A bequest of the late Miss Sadie V. Fonville of Burlington, N.C., providing for a scholarship each year to a worthy student who is a member of the United Church of Christ.

*Allen Erwin Gant Scholarship.* An endowment fund was established in memory of Allen Erwin Gant, member of the Board of Trustees of the College, by his sisters, Miss Jessamine Gant and Miss Corinna Gant. Income from the fund provides scholarships with preference given to students who are residents of Alamance County.

*Judge Eugene A. Gordon Scholarship Fund.* Established by friends and former associates of Judge Eugene A. Gordon, the income from this fund will be awarded annually to a deserving student from North Carolina or Virginia.

*John S. Graves Scholarship Fund.* Established by the friends of Johnny Graves, who served as College Chaplain and also taught in the Department of Religion. This scholarship is awarded annually to a student who best exemplifies his philosophy of life: "Faith in God coupled with love and respect for one's fellow-man."

*Griswold and Watts Scholarship Fund.* Established by Dr. and Mrs. Frederic T. Watts, Jr. in honor of their parents, Mr. and Mrs. L. S. Griswold and Mr. and Mrs. F. T. Watts, Sr., the proceeds from the endowment fund will be used to aid academically talented students, with first preference to members of Sigma Phi Epsilon Fraternity and second preference to a political science major.

*Robert Kelley and Pearle Jones Hancock Scholarship Fund.* Established by their daughter, Mrs. Myrle Hancock Chamberlain, and their grandson and his wife, The Very Reverend and Mrs. David Chamberlain, in memory of Mr. and Mrs. R. K. Hancock.

*Asheville-Charlotte A. Hebard Scholarship Fund.* A scholarship fund in memory of Mrs. Hebard. The Asheville United Church of Christ, which administers the fund, stipulated that from the earnings of the fund scholarship aid is to be awarded annually to worthy "orphaned and neglected children," preferably those from the Elon Home for Children.

*David M. Helfenstein Scholarship Fund.* This fund was established as a result of a bequest from Miss Anna Helfenstein.

*E. E. Holland Scholarship.* Established by a bequest from the estate of Eunice Ensor Holland as a memorial to her husband, Edward Everett Holland, former United States Congressman from Suffolk, Virginia, a long-time member of the Elon College Board of Trustees.

*Vitus Reid Holt Scholarship.* Established by members of his family as a memorial to Mr. Holt, who served as a trustee of the College and of the Elon Home for Children. Earnings from this endowment fund are used as scholarship aid primarily for students from the Elon Home for Children.

*Huck Finn-Tom Sawyer Tennis Scholarship Fund.* Established in 1981 by sponsors of the Annual Huck Finn-Tom Sawyer Amateur Tennis Tournament, the endowed scholarship fund will provide annual grants for deserving men and women who are members of the Elon College tennis teams.

*C. Chester Huey Athletic Scholarship Fund.* This endowment was established in memory of Mr. Huey, an avid supporter of Elon's athletic program, by his widow, Josie; his daughter, Elna; and his son, Paul. The income from this fund is awarded annually to a deserving student baseball athlete.

*Laura and Nelson Jackson Scholarship Fund.* Created by Mr. and Mrs. Nelson Jackson, Sr. of Tryon, North Carolina, leading citizens of that community and loyal members of the Congregational Church of Christ. The income from this fund is used to support scholarships for needy and worthy students who have exhibited a potential for positive contributions to the College community and society.

*The Gordon-Jennings Scholarship Fund.* This fund was created by the Gordon-Jennings families and the income from this fund is to be used annually to provide scholarship aid to deserving students.

*Rep. John M. Jordan Scholarship Fund.* The income from this fund will be used to provide assistance for a deserving student from Alamance or Rockingham counties, N.C.

*Virginia Beale Kernodle Scholarship Fund.* Created by John T. Kernodle, class of 1908, in memory of his wife, Virginia Beale Kernodle, class of 1913. The income from this fund is awarded to deserving students, preferably to those from Eastern Virginia.

*Max Lieberman Scholarship Fund.* This fund was established by a bequest under the will of Max Lieberman, a former resident of Alamance County. The interest from this fund is used for a scholarship for a male student from Alamance County chosen by the Alamance County Board of Education and Graham High School.

*Claude V. and Alva Lee Currin Long Scholarship Fund.* This endowment was established by Claude V. Long in memory of his wife. Income from this fund will be used as a scholarship for deserving students, preferably from Alamance County.

*The Mills and Mary Alice Luter Scholarship Fund.* Created by Mr. and Mrs. Luter of Suffolk, Virginia. The income from this fund is to be awarded annually to a deserving student, preferably from the Elon Home for Children.

*Sue Boddie Macon Scholarship.* Established in memory of the late Miss Sue Boddie Macon (June 24, 1913-June 13, 1952) by her aunt, Miss Margaret P. Alston, and her mother, Mrs. Pattie Alston Macon, of the Liberty Vance Congregational Christian Church of Henderson, N.C.

*The Graham Mathis Athletic Scholarship Fund.* This fund was established in 1979 to honor former Elon Coach Graham "Doc" Mathis by his former players. Income earned is awarded annually to deserving student-athletes in basketball, football and baseball.

*The John Z. and Mildred W. McBrayer Scholarship Fund.* This scholarship was created by Mr. McBrayer, class of 1938, and Mrs. McBrayer, both of Cleveland County, North Carolina. The income from this fund is awarded annually to a deserving student from Cleveland County.

*Memorial Scholarship Fund — First Christian Church, Portsmouth, Virginia.* The Women's Fellowship and others of the First Christian Church, Portsmouth, Virginia, in 1965 established a memorial scholarship honoring First Church, which was founded in 1901. In 1965, due to population changes, the Church was closed, and its life was merged with the United and Shelton Memorial Congregational Christian Churches (United Church of Christ) of Portsmouth.

*Moser Scholarship Fund.* This endowment was established by Mr. and Mrs. B. A. Moser. The income from the Fund will be used for financial aid to deserving students preferably pursuing full-time Christian work who are from Alamance County and the Davis Street United Methodist Church.

*Myers-Sanders Memorial Scholarship.* Given by Dr. and Mrs. Allen B. Sanders in memory of their parents, Ralph E. and Edith Bailey Myers and Grady M. and Lucie Allen Sanders, income from this endowment fund will be used for a scholarship to be awarded annually to a deserving student.

*Paul C. and Margaret S. Plybon Scholarship Fund.* Established by Paul C. Plybon, Sr., class of 1948, and his wife, Margaret S. Plybon. Income from this endowment will be used to provide financial aid to worthy students who have demonstrated high academic and leadership abilities.

*The Horace Powell Scholarship Fund.* Established by Horace C. Powell of Fuquay-Varina, North Carolina.

*O. D. Poythress Scholarship Fund.* This fund was established in 1966 by the South Norfolk Christian Church, Chesapeake, Virginia, in honor of the Reverend Olive Daniel Poythress, who served as pastor of the church for 43 years, and as Pastor Emeritus until his death in 1968. The income from this endowment fund is to be used to help provide scholarships for worthy and needy students at Elon College, with preference being given to students from the South Norfolk Christian Church.

*Paul Reddish Scholarship Fund.* Established to honor Paul S. Reddish, long-time professor of biology at Elon College. Income is presented to rising junior or senior biology major(s) selected by the biology faculty. Criteria include scholarship, need, devotion to biological sciences, leadership and personal values.

*Richmond Alumni Chapter Scholarship.* The income from an endowment fund contributed by this alumni chapter provides scholarships for freshmen students from the Richmond area.

*Viola V. Rollings and Amos Thornton Rollings Scholarship Fund.* Established by a bequest from the estate of Viola V. Rollings in memory of her brother, Amos.

*James C. Scott Golf Scholarship Fund.* This fund has been established by the family and friends of James C. Scott, former member of the Elon College Golf Team. The earnings from this fund are to be used to provide a golf scholarship.

*John Duncan Shaw Scholarship.* This endowment fund was established by John Duncan Shaw, graduate of Elon College in 1928. The income from this fund will be awarded annually to a student from Jordan Matthews High School in Siler City, N.C. who has demonstrated high academic achievement.

*Nancy Gordon Sheffield Scholarship Fund.* Established in memory of Nancy Gordon Sheffield by members of the family and friends. The income from this fund will be awarded to a deserving student, preferably from Alamance or Guilford Counties.

*Oscar F. Smith Scholarship Fund.* Established by a bequest from a former trustee, Oscar F. Smith, from Norfolk, Virginia, for scholarship assistance to students preferably from Eastern Virginia.

*Stadler Country Hams, Incorporated Scholarship.* This endowment was established to provide scholarship aid to a deserving student.

*Staley Memorial Scholarship Fund.* The Women's Missionary Convention of the Southern Convention of Congregational Christian Churches in 1953 established at the College the Staley Memorial Scholarship Fund in memory of Dr. William Wesley Staley (1849-1932), the second president of the College.

*William H. Stratford Scholarship Fund.* This endowment was created by a bequest from Mrs. Marguerite R. Stratford in memory of her husband, Dr. William H. Stratford, class of 1899.

*Rodney E. Taylor Scholarship.* Established by Mr. and Mrs. Rodney E. Taylor, this scholarship provides assistance for deserving students.

*Tessie Z. Taylor Scholarship Fund.* Established by the faculty of the Department of Business Administration and Office Administration, this scholarship is awarded to a needy high school senior entering Elon College in Office Administration or to a two-year Office Administration student transferring to the four year program in Office Administration.

*The William Brown Terrell Scholarship Fund.* This scholarship fund was established by Elon College High School alumni and teachers to honor



William Brown Terrell, educator and civic and religious leader, for his dedication to his students and his keen interest in athletics. The income from this fund will be awarded to a deserving athlete.

*Tidewater Alumni Chapter Scholarship.* A scholarship established by the area alumni for worthy students from the Tidewater area.

*Trolinger Memorial Fund.* The William H. and John A. Trolinger Memorial Fund was established by a gift of Mrs. Isla Stratford May, William H. Stratford, John B. Stratford, Parke C. Stratford, and Robert E. Stratford, children of the late William O. and Bessie Trolinger Stratford, in memory of their grandfather and uncle. The earnings from this endowment are used as scholarship aid for worthy students from Alamance County.

*Lillian Pearl Tuck Endowment Fund.* Established as a memorial gift for Miss Lillian Pearl Tuck, a graduate of Elon College and a dedicated educator.

*Union United Church of Christ Scholarship Fund.* This endowment fund was created by gifts from the Union United Church of Christ in Virgilina, Virginia. The income is awarded preferably to a deserving student or students from the Union United Church of Christ.

*D. C. "Peahead" Walker Scholarship.* The D. C. "Peahead" Walker Scholarship Fund, an endowment, was established by gifts from family, friends, and former students of Coach Walker. The income provides annual scholarships in football, basketball, and baseball.

*C. Max Ward Scholarship Fund.* Established by C. Max Ward, class of 1949. Annual earnings from this endowment fund are used for scholarship aid for students who show academic promise, a definite need, and an interest in athletics.

*Clyde T. and Esther Ward Golf Scholarship Fund.* Established by C. Max Ward, class of 1949, and Cynthia Fertig Ward in honor of Mr. Ward's parents. Annual earnings from this endowment fund are used for scholarships for members of the golf team.

*Rachel and Bethany Ward Scholarship Fund.* Established in 1974 by George Michael Ward in honor of his two daughters. The income provides annual scholarships to deserving women athletes.

*William I. Ward, Sr. and David Samuel Ward Scholarship Fund.* Established by William I. Ward, Jr. in memory of his father and brother. The donor's great-grandfather, Dr. William S. Long, was one of Elon College's founders and first president. Income from this endowment will be used as scholarship aid to a graduate of Graham (N.C.) High School, or its successor high school or a resident of Graham who possesses good character, inquiring mind and has financial need.

*Dudley Ray Watson Scholarship.* Provided by Mr. and Mrs. J. D. Watson in memory of Dudley Ray Watson, income from this fund will go to a rising senior majoring in business administration based on scholarship, character and potential for societal contribution.

*Mr. and Mrs. John F. Youngblood Scholarship.* Established by Rachel Y. and D. Lewis Holt in honor of her parents, Mr. and Mrs. John F. Youngblood, the income from this endowment will be used for deserving students, with preference given to non-traditional students majoring in history education, intermediate education or music education, who have demonstrated high academic achievement.



## Ministerial Student Scholarships

Dependent children of ministers of the United Church of Christ are granted tuition discounts of \$400.

*Edward M. Albright Scholarship Fund.* Established in memory of Mr. Edward M. Albright through a bequest from his wife, the late Mrs. Olivia White Albright, the income is to be used for scholarships for ministerial students.

*The Rev. J. Frank Apple Memorial Scholarship Fund.* Established in memory of Rev. J. Frank Apple, class of 1917, by the family and friends from churches served by him over the years. The income from this fund is to be used to provide financial assistance for worthy and deserving students, preferably preparing for full-time church-related vocations.

*Richie E. and Agnes R. Brittle Scholarship Fund.* Created by the Hunterdale United Church of Christ, Franklin, Virginia, in honor of Dr. R. E. Brittle, 1928 graduate of Elon College and a long-time, dedicated minister in the Southern Conference of the United Church of Christ, and Mrs. Brittle. The income from this fund is awarded annually to a student who is pursuing a career in a full-time Christian vocation.

*Maggie Baynes Dixon Ministerial Scholarship.* An endowment fund bequeathed by the late Mrs. Maggie Baynes Dixon to be used to support ministerial scholarships.

*Eastern North Carolina Ministers Memorial Fund.* Established by the Eastern North Carolina Association of the Southern Conference of the United Church of Christ. The income from this fund is to be used for scholarships preferably for worthy and needy students who are from churches in the Eastern North Carolina Association and who are majoring in religion.

*Franklin Congregational Christian Church Scholarship.* Established by the Franklin Congregational Christian Church of Franklin, Virginia. The income from this fund is awarded annually to a deserving student with the following order of preference: (1) a member of the Franklin Church, (2) a member of an Eastern Virginia Association church, (3) a member of a Southern Conference church.

*Dr. Howard S. Hardcastle Memorial Scholarship Fund.* Established by the family and friends from churches in Eastern Virginia Association of the Southern Conference in memory of Dr. H. S. Hardcastle (1891-1970). The income from this endowment is to be used for scholarship aid for needy and deserving students, preferably from the Eastern Virginia Association area.

*Holmes Memorial Fund.* This fund was established by Miss Ethel Marsh Holmes as a memorial to her brother, Howard Braxton Holmes, who was a member of the College faculty.

*Dr. I. W. Johnson Scholarship.* A gift from the estate of Mrs. Sallie Bertie Ellenor Johnson, wife of the late Reverend I.W. Johnson, minister who served Congregational Christian churches in the Southern Convention, to be used for the education of ministerial students.

*J. U. Newman Memorial Scholarship Fund.* Established by a bequest from Lila Clare Newman, member of the faculty at Elon College for many years, in memory of her father, distinguished professor in the Department of Religion. Income from this endowment is to be used for scholarships for needy and worthy students, preferably ministerial.

*John Webster Patton Scholarship.* Established in memory of the Reverend John Webster Patton, who served Christian Churches in North Carolina and Virginia for nearly sixty years, this scholarship is granted each year to a

deserving student who is preparing for the Christian ministry.

*Rex and Ina Mae Powell Scholarship Fund.* Mr. and Mrs. Rex Powell established this fund, the income of which is to be used for the education of children of ministers who attend Elon College.

*The Rev. Lacy M. Presnell, Sr. Memorial Scholarship Fund.* Established in memory of Rev. Lacy M. Presnell, Sr. (1902-1973) by the family and friends from churches served by him over the years. The income from this fund is to be used to provide financial assistance for worthy and deserving students, preferably from the general Randolph County area preparing for full-time church-related vocations.

*Emmett H. and Katherine H. Rawles Scholarship Fund.* This endowment fund was created from bequests from the estates of Emmett H. and Katherine H. Rawles, to provide income for scholarships for students planning for full-time Christian ministry.

*W. L. Rudd Scholarship and Loan Fund.* This fund was established by W. L. Rudd, alumnus of Elon College, to aid needy and worthy Christian students who are preparing for greater usefulness in making a better, more peaceful world and in helping to spread Christian ideals. Preference is given to students who are planning to pursue full-time Christian vocations.

*St. Mark's Reformed Church Scholarship Fund.* Established by St. Mark's Reformed Church, Route 1, Burlington, N.C. The income from this fund is to be used to provide financial assistance for worthy and deserving students preferably from the Church or Alamance County, preferably pursuing Pre-ministerial or Christian Education studies.

*Somers Scholarship Fund.* Established by the late Chaplain Lester I. Somers, CDR, USN, and his wife, Mrs. Doris Loraine Somers. The income from this fund is used to provide a scholarship for the most outstanding senior majoring in religion or preparing for a full-time Christian vocation.

*Charles E. Shelton Memorial Fund.* This fund was created by the First United Church of Christ of Portsmouth, Virginia, in memory of Dr. Charles E. Shelton, beloved minister of the Church. The income is used preferably for one or more students pursuing full-time Christian vocations. Preference is also given to students from the Tidewater, Virginia area.

*Dr. W. W. Staley Scholarship Fund of the Suffolk Christian Church.* This fund was established by the Suffolk Christian Church in memory of Dr. W. W. Staley, second president of Elon College and long-time minister of the Suffolk Christian Church. This fund is to provide a scholarship for a ministerial student or a student of an associated field with preference to be given to members of the Suffolk Christian Church or members of churches in the eastern Virginia area.

*Alda June Jones Stevens Memorial Scholarship.* Established in memory of Mrs. Millard Stevens, this endowment is to be used to support scholarships for worthy students, preferably those preparing for full-time Christian service.

## Music Scholarships

*Band Scholarships.* Awarded on a limited basis to students who are musically talented and participate in band activities.

*Jennie Willis Atkinson Bradford Scholarship.* An endowment established in memory of Jennie Willis Atkinson Bradford providing a scholarship each year to a worthy student in the Department of Fine Arts. Mrs. Bradford,

daughter of the late Dr. and Mrs. J. O. Atkinson, was an honor graduate of the Class of 1917 and served as a member of the Board of Trustees of Elon College for seventeen years.

*Alyse Smith Cooper Music Fund.* Mrs. Alyse Smith Cooper established this fund, the income from which is used preferably for scholarships for music students with priority being given to those from Alamance County or North Carolina, or for support of the music program of the College.

*The Billy Crocker Jazz Scholarship.* This endowment was established by relatives and friends of Billy Crocker who was an outstanding drummer at Elon College from 1969-1972. Income from this fund will be granted annually on Awards Day to a member of the Emanons. The recipient will be selected by a vote of members of the Emanons and the directors.

*A. J. Fletcher Music Scholarship.* The A. J. Fletcher Educational and Opera Foundation, Inc., of Raleigh has contributed funds to assist incoming or returning music majors who show scholastic promise, progress and ability in music performance, and who need financial assistance.

*Presser Scholarship.* The Presser Foundation of Philadelphia, Pa., makes funds available annually to the College to be used for the assistance of deserving students who are preparing to become teachers of music.

*Velie Memorial Music Scholarship Fund,* established in memory of C. James Velie by relatives and friends. Professor Velie was a member of the music faculty at Elon College for a number of years. He directed the choir of the Elon College Community Church. Income from this endowment will be used for a deserving student majoring in music.



## Loan Funds

*Amick Fund.* Dr. T. C. Amick, formerly of the College faculty, created a fund to be loaned to deserving students at 6 percent interest. The President lends this fund on proper security.

*Stein H. and Pearl M. Basnight Loan Fund.* A bequest from the estate of the late Stein H. Basnight set up this loan fund in memory of Mr. Basnight and in honor of his wife, Pearl M. Basnight. Its use is designated for United Church of Christ students preparing for the ministry and is loaned at a rate of 6 percent interest. If the student enters the Christian ministry, the interest is forgiven.

*Bowling Fund.* Dr. E. H. Bowling of Durham, N.C., has created a fund to be used in educating deserving students, preferably candidates for the ministry.

*James E. and Mary Z. Bryan Foundation Student Loan Plan.* Established by Mary Z. Bryan, in 1953, as a memorial to her husband and administered by the College Foundation, Inc. in Raleigh, North Carolina. Students may borrow up to \$1,000 per academic year. Four percent interest accrues while student is in school and increases to six percent after student ceases to be enrolled as a full-time student.

*Burlington Elks Scholarship Loan Fund.* Lodge No. 1633 of the Benevolent and Protective Order of Elks, of Burlington, North Carolina, has created a loan fund for students who are residents of Alamance County. Awards are made to qualifying students by a committee consisting of the trustees then in office at the lodge and two members of the Board of Trustees of the College.

*Clarke Fund.* Dr. J. A. Clarke, formerly of the College faculty, created a loan fund for deserving students. The money is loaned at 6 percent interest on proper security.

*Maggie B. Dixon Loan Fund.* A bequest from the estate of the late Maggie B. Dixon established this loan fund to assist members of the junior and senior classes.

*Knights Templar Educational Loan Fund.* Under the rules of the Grand Commandery, students at Elon may obtain loans from this fund.

*McLeod Fund.* The family of the late Prof. M. A. McLeod has established a fund, the income from which is loaned to worthy students on proper security.

*Helen Martin Parkerson Loan Fund.* Mrs. Helen Cannon has established a loan fund as a memorial to her mother, Mrs. Helen Martin Parkerson. It is loaned to deserving students in Office Administration.

*T. M. Stanback Fund.* Created by gifts from Mr. and Mrs. T. M. Stanback. This fund is used for the purpose of making loans to worthy students. The student must sign a promissory note endorsed by another responsible person. A reasonable interest is charged on the unpaid balance after the student's program of studies is terminated.







# Academic Regulations



## Degree Requirements

### Degrees and Major Fields

Elon College offers the following degrees and major fields of study:

#### Bachelor of Arts (A.B.)

Biology  
Chemistry  
Computer Information Science  
Economics  
Elementary Education  
(K-3 and 4-9)  
English  
General Music  
History  
Human Services  
Journalism-English  
Mathematics

Music  
Office Administration  
Philosophy  
Physics  
Political Science  
Psychology  
Public Administration  
Religion  
Science Education  
Social Science  
Sociology

#### Bachelor of Science (B.S.)

Accounting  
Business Administration  
(Management, Finance and  
Marketing)  
Cytotechnology  
Medical Laboratory Technician

Music Education  
Physical Education and Health  
Physical Education: Community  
Recreation  
Physical Education: Commercial  
Leisure and Sports Management

Bachelor of Applied Science (B.A.S.) and Bachelor of Applied Arts (B.A.A.)	Radiologic Technology Cooperative transfer programs offered to graduates of community colleges and technical colleges
Associate in Arts (A.A.)	Office Administration
Associate in Science (A.S.)	Cytotechnology Medical Laboratory Technician

**Bachelor's Degree Requirements**

Elon College offers an academic program consisting of a minimum of 126 semester hours of credit for the bachelor's degree. The degree consists of a major field of concentration in the liberal arts or in a professional or pre-professional area, a general studies program, and elective courses. To earn a baccalaureate degree the student completes the academic program below:

- 1. Satisfactory work in one major subject.
- 2. Completion of General Studies as follows:
  - a. Foundational Studies .....9
    - (1) English 111, 112 (Freshman English Composition) .....6
    - (2) Mathematics 111 (or higher) .....3
  - b. Liberal Studies .....31
    - (1) *Expression* .....6
      - Eloquent and creative expression in literature and fine art. Six hours chosen from art, English, fine arts, music, at least three hours of which must be English.
    - (2) *Science (Analysis)* .....7
      - Rational processes of testing hypotheses and arriving at precise answers, using established and experimental data. One physical or biological laboratory science and three hours chosen from either mathematics or science.
    - (3) *Reflection* .....6
      - Ultimate questionings through rational inquiry and beyond to faith, contemplation and insight. Six hours chosen from religion and/or philosophy, at least three hours of which must be religion.
    - (4) *Civilization* .....6
      - Historical and cultural context beyond the present day. Six hours chosen from foreign language at the 200 level or above and/or history.
    - (5) *Society* .....6
      - Studies social institutions, culture, personality, and the environment as these order human relationships. Six hours chosen from two of the following: economics, geography, political science, psychology and sociology.

- c. Advanced Studies .....12  
In addition to the above requirements, students will complete twelve hours of junior-senior level courses outside the major field chosen from at least three of the five areas listed under Liberal Studies. It is strongly recommended that one of these courses be a General Studies Seminar which integrates one or more of the areas.
- d. Physical Education 160 .....2
- 3. Electives
- 4. One full academic year of study at Elon (32 semester hours or more), including the last term before graduation.
- 5. Participation in commencement exercises.

Students must demonstrate competence in English and mathematics or successfully complete English 100 and Mathematics 100 prior to beginning Foundational Studies in those areas.

Students who have not had two years of one foreign language in high school must make up this deficiency by taking the first year (two semesters) of a foreign language. Courses taken to remove this deficiency will not satisfy the general studies requirements.

For A.B. and B.S. degrees, at least 36 semester hours must be junior-senior level work. In addition, each student must have twice as many quality points as credit hours attempted.

A maximum of 10 semester hours of practicum, internship and cooperative education may be applied to the 126 semester hours required for the A.B. and B.S. degrees.

Students who have had one year of active duty in military service will receive credit for the Physical Education requirement by bringing a copy of their DD-214 Form to the Registrar's Office for verification.

Students must apply for graduation by the dates published by the Registrar.

A student has the privilege of graduating under the provisions of the catalog under which he enters, provided that he completes his course of study within five years. After the interval of five years his credits will be subject to review by the Dean of Academic Affairs.

A student who receives a bachelor's degree from the College and wishes to qualify for another bachelor's degree must earn at least 16 semester hours beyond those required for the first degree and must complete all requirements for an additional major appropriate to the second degree. No student will be awarded two degrees at the same commencement.

It is the student's responsibility to be familiar with the preceding requirements for graduation.

### **The Major**

A minimum grade point average of 2.00 in the requirements for the major is required for graduation. The student may elect to complete more than one major. Students in Medical Laboratory Technician, Music and Radiologic Technology should begin their major in their freshman year. No later than the beginning of the junior year each candidate for a bachelor's degree must select a major field. Requirements for each major are listed with the courses of instruction.

### **The Minor**

A candidate for the bachelor's degree may elect a field(s) of minor concentration, consisting of at least 18 semester hours with a minimum grade point average of 2.00.

### **Associate Degrees**

The associate degree programs are listed in the courses of instruction.

## **General Academic Regulations**

### **Registration and Courses**

#### **Classification**

Classifications are made at the beginning of the college year in September.

A sophomore must have removed all entrance conditions and have completed 24 hours of work toward a degree.

A junior must have completed 54 semester hours, and a senior 84 semester hours of work toward a degree.

#### **Course Load**

Twelve hours of college work is considered the normal student load for freshmen. The normal student load for upperclassmen is considered to be fifteen hours of college work. Students who are on academic probation are limited to a maximum load of 13 semester hours in Fall and Spring semester.

During the one-month winter term, three hours of college work is the normal load for all students.

#### **Course Registration**

Students are expected to register for themselves at the designated days in September, January and February. Registration information is made available to all students. Registration includes academic advising, selection of courses and payment of fees. Before preregistration or registration, each student should consult with his or her academic advisor on course selection, General Studies requirements, major requirements and other degree requirements. However, it is the responsibility of the student, not the academic advisor, to ensure that all College graduation requirements are met.

Registration is for an entire course, and a student who begins a course must continue it except in unusual circumstances. Continuous subjects (designated by a hyphen, e.g., 111-112) must be pursued to completion to earn credit toward a degree. Unless the student and his advisor consider it essential, a student should not change his schedule after registration. No course may be entered after 10 percent of its scheduled class meetings have been held.

### **Auditing Courses**

Persons who wish to attend certain courses regularly without doing the assigned preparation or receiving credit may do so with the approval of the Registrar. The cost is \$45 for each course.

### **Changes in Class and Schedule**

The College reserves the right to cancel or discontinue any course because of small enrollment or for other reasons deemed necessary. In order to assure quality instruction, the College reserves the right to close registration when the maximum enrollment has been reached. The College reserves the right to make changes in schedule and/or faculty when necessary.

### **Credit by Examination (Course Challenge)**

A student may receive credit for a course not taken by demonstrating mastery of its subject matter. To challenge a course, a student must have the approval of the Dean of Academic Affairs, the chairman of the department in which the course is offered, and the professor who will test mastery of the subject matter. Whenever possible, the student should consult the professor far enough in advance of the term in which the examination will be taken to determine course requirements and standards and to begin to make independent preparations. However, the student should expect no assistance from the professor other than being informed of the material to be covered on the examination. Under no circumstances shall a student be allowed to attend classes of the course being challenged. The cost for each examination is \$25.00.

### **Dropping Courses**

In the fall and spring semesters, no student may drop a course with a passing grade after the weekday before mid-semester reports are due (see calendar); however, a course dropped with official permission of the Registrar prior to the time mid-semester grades are due will be graded WP (passing at time of withdrawal) or WF (failing at the time of withdrawal). A course dropped without official permission of the Registrar is automatically graded WF.

A student who withdraws from the College receives grades of WD (medical withdrawal) or WP and WF depending on his grades at the time of withdrawal.

### **Independent Study**

Students may engage in independent study of catalog courses, special topics, and research projects. Independent Study is limited to honor students and juniors and seniors. A course may not be repeated by Independent Study. Details concerning the procedure for developing an independent study proposal may be obtained in the Registrar's Office.

### **Overload**

A student whose cumulative grade-point average is less than 2.00 may not register for overload hours in any term.



### **Pass/Fail Elective Courses**

A student may take two one-semester courses outside the requirements for the major and minor on a pass/fail basis. The pass/fail option is provided to encourage students to enrich their educational experience in subjects outside their major/minor fields and in which they may feel unable to maintain the desirable grade-point average. The decision to take a course pass/fail must be made at registration prior to the first class period.

### **Repeat Courses**

Courses repeated within four semesters of attendance (excluding winter and summer sessions) following the first enrollment in the course count only once in computing the cumulative grade point average. In such cases the most recent grade is counted rather than any previous grade(s) received.

### **Studies Abroad Programs**

Students who participate in Studies Abroad programs may earn credit for no more than three programs. A letter grade is given for the first enrollment. For additional enrollments, (1) pass/fail grades are given and (2) only elective credit is earned. Students who earn pass/fail grades for Studies Abroad programs will still be permitted to have pass/fail grades in two one-semester courses outside their major/minor requirements.

## **Attendance**



### **Class Attendance**

Since students must attend classes regularly in order to derive maximum benefit from their courses, the College strictly and fairly enforces policies governing classes, and students are responsible for knowing the attendance regulations. The following is the general plan of the attendance regulations:

Each department publishes its own attendance policy. A student who has excessive absences in any class is reported by the faculty member to the Advising Office. Members of the advising staff will confer with the student. If the absences are not excusable, the student will be warned, and his faculty advisor will be apprised of the situation. If unwarranted absences continue, the Dean of Academic Affairs may suspend the student from the class or from the College.

### **Absence From Tests and Examinations**

Students who miss scheduled tests and examinations without excusable reasons may not make up such assignments. Authorization to make up tests missed for excusable reasons is obtained from the professor of the class. Authorization to make up final examinations missed for excusable reasons is obtained from the Office of the Dean of Academic Affairs.

## **Grades and Reports**

### **Grading System and Quality Points**

Graduation is dependent upon quality as well as upon quantity of work done.

A student earns quality points as well as semester hours if his level of performance does not fall below that of "D."

Letter grades are used. They are interpreted in the table below, with the quality points for each hour of credit shown at right.

<b>Grade</b>	<b>Quality Points</b>
A Superior work	4
B Work above the average	3
C Average work	2
D Work below the average	1
F An absolute failure	0
I Incomplete	0
P Passing (not counted in cumulative average)	0
S Satisfactory (not counted in cumulative average)	0
U Unsatisfactory	0
WD Medical withdrawal	0
WF Failing at time of withdrawal (counted in cumulative average)	0
WP Passing at time of withdrawal	0
NR No report	0

The minimum passing grade is "D." A grade of "F" indicates failure.

Grades of "A," "B," "C," "D," and "F" are permanent grades and may not be changed except in case of error. After an instructor has certified a grade to the Registrar, he may change it before the end of the next regular grading period. The change must be made in writing and have the written approval of the department chairman.

An "I" grade signifies incomplete work because of illness, emergency, extreme hardship, or self-paced courses. It is not given for a student missing the final examination unless excused by the Dean of Academic Affairs upon communication from the student. The student receiving a grade of "I" completes all work no later than nine class days after mid-semester grades are due in the following semester. A final grade is submitted to the Registrar by the instructor the following Monday. After this date, the "I" grade automatically changes to "F" unless an extension is granted by the Dean of Academic Affairs.

### **Grade-Point Average**

For each hour attempted the student earning a grade of A receives four quality points; for a grade of B, three quality points; for a grade of C, two quality points; for a grade of D, one quality point; and for a grade of F, no quality points.

The grade-point average is computed by dividing the total quality points on work attempted at Elon College by the number of hours attempted, except for courses with grades of P, S, WD or WP.

### **Grade Reports**

Students are graded at mid-semester as well as at the end of each semester. Mid-semester grades serve as progress reports and are not entered on students' permanent records.

### **Dean's List**

The purpose of the Dean's List is to recognize and encourage excellence in academic work. A student who has no grade below a "B" and a grade point average of at least 3.33 in a minimum of 12 semester hours in any semester is placed on the Dean's List for the following semester. Classes passed on a Pass/Fail basis are not included in Dean's List eligibility.

### **Graduation With Honors**

Candidates for graduation with an average of 3.87 or more quality points for each credit hour are graduated *summa cum laude*; those with 3.67 or above, *magna cum laude*; and those with 3.33 or above, *cum laude*. The average for honors is computed on all work attempted in college whether at Elon or another institution.

Elon College provides a comprehensive Honors Program for students of all majors. Emphasis is placed on honors courses, special academic advising, preparation for graduate school and special activities. Students who participate in the College Honors Program, complete a minimum of 21 semester hours of Honors courses and receive the recommendation of the Honors Advisory Committee, will receive "Honors Program" recognition at graduation.

### **Student Access to Educational Records**

Elon College complies with the Family Educational Rights and Privacy Act of 1974. This Act is designated to protect the privacy of educational records, to establish the right of students to inspect and review their educational records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with The Family Educational Rights and Privacy Act Office (FERPA) concerning alleged failures by the institution to comply with the Act.

Institutional policy explains in detail the procedures to be used by the institution for compliance with the provisions of the Act. Copies of the policy can be found in the Office of the Registrar.

That office also maintains a Directory of Records which lists all student educational records maintained by this institution.

Questions concerning the Family Educational Rights and Privacy Act may be referred to the Office of the Registrar.

### **Transcripts of Student Records**

Requests for copies of a student's record should be made to the Office of the Registrar. All transcripts will reflect the student's complete academic record. No transcripts will be issued without the authorization of the student. No transcript will be issued for a student who has a financial obligation to the College.

### **Work at Other Institutions**

Students who plan to take courses at other institutions during summer sessions or by correspondence must have the prior written permission of the Registrar. He will give such permission for work only in fully accredited institutions. Credit is allowed only for courses of college level which also are

allowed toward graduation by the institution conducting the summer school. After completion of such courses, the student presents an official transcript of his record to the Registrar. The maximum credit permitted for correspondence instruction is twelve semester hours.

## ✓ Academic Standards and Withdrawal

### Academic Warning, Probation and Suspension

At least a "C" average (grade point average of 2.00) is necessary to satisfy the College's academic requirements. Each student whose cumulative grade point average is less than 2.00 will automatically be placed in some level of academic deficiency. Records of these students, as well as those whose grades in any semester fall below 2.00, are reviewed by the Committee on Academic Standing. The Committee will (1) place the student on academic warning, (2) place the student on academic probation (a more serious deficiency), or (3) suspend the student. A student with serious grade deficiencies is eligible for suspension action at any time after the completion of one full-time semester of attendance.

Students on academic warning or probation are expected to show significant improvement in their next semester or term. The Committee removes from warning the students whose cumulative grade point averages improve to at least 2.00. The Committee removes from probation and changes to warning (or clear standing) students whose cumulative grade point averages improve sufficiently. The Committee asks those who do not show adequate improvement to discontinue their studies. One academic semester must elapse before students suspended for failure to maintain normal academic progress are eligible for reinstatement. Applications for reinstatement are available from the Director of Admissions. A student who is suspended a second time for academic reasons is normally not readmitted to the College for further study.



### **Dismissal**

The College reserves the right to suspend or dismiss any student or students when it believes that such action is in the best interest of the institution and/or the student(s). This action will take place only after careful consideration and consultation with the student or students in question and all other parties with information pertinent to the matter at hand.

### **Leave of Absence and Withdrawal**

If a student, for any reason, concludes that he must leave the College on a temporary or long term basis, he must confer with the Dean of Student Affairs and the Dean of Academic Affairs to formalize his plans. If he wishes to be absent for as long as two semesters, he may secure a Leave of Absence under which he may automatically return to the College at a time mutually acceptable. If he wishes to withdraw, formal arrangements can be made. In either case, the official record of the student cannot be cleared until action — either Leave or Withdrawal — is complete.





## Courses of Instruction



### Courses of Instruction

The departments of instruction are organized into four general divisions. These include areas of learning arranged as follows:

Division of Humanities	Art, Communications, English, Fine Arts, Languages, Music, Philosophy, Religion
Division of Sciences and Mathematics	Biology, Chemistry, Computer Information Science, Cytotechnology, Mathematics, Physics, Medical Laboratory Technician, and Radiologic Technology
Division of Social Sciences	Accounting, Business Administration, Economics, Geography, History, Human Services, Political Science, Public Administration, Office Administration, Cooperative Education, and Sociology
Division of Teacher Education, Physical Education, and Health	Education, Physical Education, Psychology, Recreation, and Military Science

Courses numbered 100-199 are on the freshman level, 200-299 on the sophomore level and 300 and above on the junior-senior level.

Continuous courses, which must be pursued to completion for credit toward a degree, are indicated by a hyphen, for example, 111-112.

### Accounting

*Chairman, Department of Business Administration, Accounting and Office Administration:* Professor Marr

*Professor:* Sanders

*Associate Professors:* Council, Oliver

*Assistant Professor:* Wheeler

A major in Accounting requires Accounting 211, 212, 331, 332, 336, 337, 441, 451, 452, and 456; Business Administration 111, 321, 322, 323, 411 and 412. Additional course requirements are Computer Information Science 111, Economics 211, 212, 246, 347, and 6 semester hours chosen from Mathematics 111, 121, 160, 161, 221 and 222.

A minor in Accounting requires Accounting 211, 212, 331, 332, and one other upper level accounting course; Business Administration 111.

#### **211, 212. PRINCIPLES OF ACCOUNTING**

**4 semester hours each semester**

To give the student an insight into the various methods used in keeping the records of single proprietorships, partnerships, and corporations. Year-end adjustments, work-sheets, and preparation of financial statements emphasized. 3 class hours, 2 laboratory hours. Prerequisite: BA 111 (or corequisite); ACC 211 required for 212.

#### **331, 332. INTERMEDIATE ACCOUNTING**

**3 semester hours each semester**

Each item of the balance sheet and income statement is analyzed critically. Alternative methods and procedures are evaluated against the background of the latest authoritative pronouncements and the theory that supports them. The statement of changes in financial position is studied. Prerequisites: ACC 211, 212. ACC 331 is required for 332. Lectures and laboratory.

#### **336. COST ACCOUNTING I**

**3 semester hours**

A study of cost procedures. Materials, labor, overhead; job order and process systems; standard costs. Prerequisites: ACC 211, 212.

#### **337. COST ACCOUNTING II**

**3 semester hours**

An extensive examination of the uses of cost data by management. Includes managerial techniques and their application to decision making. Prerequisites: ACC 336, ECO 246.

#### **441. INCOME TAX I**

**3 semester hours**

An introduction to income tax theory and concepts and a study of tax fundamentals and basic rules for the individual, partnership, and corporate taxpayer. Prerequisites: ACC 211, 212.

#### **442. INCOME TAX II**

**3 semester hours**

A thorough study of capital gains and nontaxable exchanges for the individual and corporate taxpayer. Additional topics include income averaging, minimum tax on preferences and maximum tax on personal service income. Prerequisite: ACC 441.

#### **451. ADVANCED ACCOUNTING I**

**3 semester hours**

Specialized accounting problems: Partnerships; corporate liquidation; consolidated statements; governmental and not-for-profit organizations; estates and trusts. Prerequisite: ACC 332.

#### **452. ADVANCED ACCOUNTING II**

**3 semester hours**

A study of accounting for governmental units, not-for-profit entities, estates and trusts, and corporate liquidation. Prerequisite: ACC 332.

#### **456. AUDITING**

**3 semester hours**

Auditing theory and practice, working papers, financial statements, and professional ethics. Emphasis on auditing standards, statistical compliance testing and substantive testing. Prerequisite: ACC 332.

#### **471. SEMINAR: SPECIAL TOPICS**

**1-3 semester hours**

Advanced study consisting of reading problems, reports and discussions of current topics. Participation by students, departmental faculty, and other resource persons.

#### **491. INDEPENDENT STUDY**

**1-3 semester hours**

**Art**

*Chairman, Department of Fine Arts:* Associate Professor Burnham  
*Associate Professor:* Daniel

A minor in Studio Art requires Art 111, 113, 221, 223, 491 (3 semester hours); plus 6 semester hours selected from Art 103, 104, 211, 212, 213, 214, 311, 312, 491.

**103. CERAMICS I** **3 semester hours**  
 Techniques in working with clay in the production and firing of pottery. Experience in hand-building and throwing pieces on the potter's wheel. 1 hour of lecture and 5 studio hours. Materials fee: \$10.00

**104. CERAMICS II** **3 semester hours**  
 A continuation of Art 103, which is a prerequisite. Materials fee: \$10.00.

**111. DESIGN I** **3 semester hours**  
 A basic course in the fundamentals of design with emphasis on two-dimensional media. 1 hour of lecture and 5 studio hours. Materials fee: \$5.00.

**112. DESIGN II** **3 semester hours**  
 A continued study of the fundamentals of design with emphasis on three-dimensional media. 1 hour of lecture and 5 studio hours. Materials fee: \$10.00.

**113. DRAWING** **3 semester hours**  
 Basic course in the fundamentals of drawing and composition using various media. 1 hour of lecture and 5 studio hours.

**211. PAINTING: OILS, ACRYLIC I** **3 semester hours**  
 Experimental studies in the techniques of painting and composition using various media. Prerequisite: Art 111 or 113. 1 hour of lecture and 5 studio hours.

**212. PAINTING: OIL, ACRYLIC II** **3 semester hours**  
 A continuation of Art 211, which is a prerequisite. 1 hour of lecture and 5 studio hours.

**213. PAINTING: WATERCOLOR I** **3 semester hours**  
 Experimental studies in the various techniques of painting with watercolor. Prerequisite: Art 111 or 113. 1 hour of lecture and 5 studio hours.

**214. PAINTING: WATERCOLOR II** **3 semester hours**  
 A continuation of Art 213, which is a prerequisite.

**221. HISTORY OF ART: PRE-HISTORY THROUGH MIDDLE AGES** **3 semester hours**  
 Historical survey of the major visual arts from the era of pre-history through the middle ages. Emphasis is on major artistic styles, their origin and development; major works of art and their creators. (Art 221 is the same as FA 221.)

**223. HISTORY OF ART: RENAISSANCE TO THE PRESENT** **3 semester hours**  
 Historical survey of the major visual arts from the Renaissance to the present. Emphasis is on major artistic styles, their origin and development; major works of art and their creators. (Art 223 is the same as FA 223.)

**261. ART EDUCATION FOR ELEMENTARY GRADES** **3 semester hours**  
 Methods and materials, principles, and fundamentals of art used in the elementary grades. 2 hours of lecture and 1 studio hour. Materials fee: \$5.00.

**311. GRAPHICS I** **3 semester hours**  
 The development of creative ability and technical skill in the graphic media of linoprint, woodcut and intaglio. Prerequisite: Art 111. 1 hour of lecture and 5 studio hours. Materials fee: \$10.00.

**312. GRAPHICS II** **3 semester hours**  
 A continuation of Art 311, which is a prerequisite. Materials fee: \$10.00.

**491. STUDIO PROBLEMS**

**1, 2, or 3 semester hours**

Individual study and experimentation. Open to students at all levels, with permission of the Art faculty only. Maximum credit allowed toward a degree is 6 semester hours.

**Biology**

*Chairman, Department of Biology and Allied Health:* Associate Professor H. House

*Associate Professors:* Morgan, Rao

*Assistant Professors:* Fields, N. Harris

*Part-time Instructor:* Plumblee

A major in Biology requires Biology 111 and either 221 and 311 or 222 and 342, plus 322, 345, 452, 471, 472, and at least 6 additional semester hours in Biology; Physics 111, 112; Chemistry 111, 112, and 211-212. Biology majors planning to teach in secondary schools must take Biology 111, 221, 222, 311, 322, 345, 452, 471, 472, plus at least 4 additional semester hours in Biology; Physics 111, 112; Chemistry 111, 112 and 211-212. The recommended foreign language is either French or German.

A minor in Biology requires Biology 111 plus five additional Biology courses approved for major credit.

A minor in Biology requires Biology 111 plus five additional Biology courses approved for major credit.

**111. BASIC CONCEPTS IN BIOLOGY**

**4 semester hours**

A concepts approach that integrates basic biological chemistry, bioenergetics, cell structure and function, reproduction, inheritance, evolution and ecology. 3 class hours, 1 laboratory per week.

**201. ENVIRONMENTAL CONSERVATION**

**3 semester hours**

An interdisciplinary study of the interrelationships of man and the environment. Social, economic, ethical and political aspects of man's impact on environment are studied. No credit toward Biology major or minor. Prerequisite: BIO 111.

**221. GENERAL ZOOLOGY**

**4 semester hours**

A survey of the Animal Kingdom with emphasis on selected vertebrates and invertebrates, including basic concepts of morphology, anatomy, physiology and taxonomy. 3 class hours, 1 laboratory per week. Prerequisite: BIO 111.

**222. GENERAL BOTANY**

**4 semester hours**

A survey of the plant kingdom with emphasis on vascular plants. Topics covered are general morphology, anatomy, physiology of metabolism and growth, economic importance, and identification. 3 class hours, 1 laboratory per week. Prerequisite: BIO 111.

**265. HUMAN ANATOMY AND PHYSIOLOGY**

**4 semester hours**

The structure and function of the human body including the cellular, skeletal, muscular, nervous, endocrine, respiratory, circulatory, metabolic, renal and reproductive aspects. 3 class hours, 1 laboratory per week. No credit toward Biology major. Prerequisite: BIO 111 or CHM 111.

**311. COMPARATIVE VERTEBRATE EMBRYOLOGY**

**4 semester hours**

The developmental process with emphasis on gametogenesis, differentiation, organogenesis, and morphogenic patterns of development as it occurs in the frog, chick, and a mammal. 3 class hours, 1 laboratory per week. Prerequisites: BIO 221.

**312. COMPARATIVE VERTEBRATE ANATOMY**

**4 semester hours**

A comprehensive, comparative study of chordate anatomy with emphasis on evolution and morphology of systems. Lower chordates and vertebrates are used in dissection and study. 3 class hours, 1 laboratory per week. Prerequisite: BIO 311.

**321. MICROBIOLOGY****4 semester hours**

A general survey of microorganisms with emphasis on bacteria, their cytophysiological characteristics and classification, viruses, microbial diseases and immunity, and the role of microorganisms in human affairs are included. 3 class hours, 1 laboratory per week. Prerequisites: BIO 221 or 222, CHM 111, 112.

**322. CELLULAR BIOLOGY****4 semester hours**

Ultrastructure of typical eucaryotic and procaryotic cells and the relationship between structure and function of subcellular components. Mechanisms of cellular reproduction, respiration, photosynthesis, and protein synthesis are included. Also discussed are general properties of viruses, control of cellular differentiation, growth and development, and molecular genetics. 3 class hours, 1 laboratory per week. Prerequisites: BIO 221 or 222, CHM 211-212.

**335. FIELD BIOLOGY****4 semester hours**

A field-oriented course, restricted to selected taxa, environments, or biological phenomena as they exist in nature. In-depth field studies may include identification, classification, life histories and interrelationships of selected organisms. Offered during winter and/or summer terms.

**341. ANIMAL PHYSIOLOGY****4 semester hours**

Emphasizes the functions, regulatory processes and responses occurring in the organ systems of the animal body. 3 class hours, 1 laboratory per week. Prerequisites: BIO 221 or 265, CHM 111, 112.

**342. PLANT PHYSIOLOGY****4 semester hours**

A study of the life processes of plants. Topics include photosynthesis, mineral nutrients, movement of materials, plant growth substances, and senescence. Offered alternate years. 3 lecture hours, 1 laboratory per week. Prerequisites: BIO 111, Chemistry 111, 112.

**345. GENETICS****4 semester hours**

An introduction to the Mendelian and molecular principles of genetics and the applications of these principles to the modern world. 3 class hours, 1 laboratory per week. Prerequisites: BIO 111, 221, CHM 111, 112 or permission of the instructor.

**391. RESEARCH****1 or 2 semester hours each semester**

Library and laboratory or field research by the individual student under the direction of the departmental faculty. Open to students at all levels. Maximum total credit, 8 semester hours. Prerequisite: permission of the Biology staff.

**425. BIOCHEMISTRY****3 semester hours**

A survey of biochemistry as it relates to the physiology of organisms. Topics include: biochemical methodology; pH buffers and water; protein structure, function and synthesis; enzymes; bioenergetics; anabolism and catabolism of carbohydrates and lipids; metabolic regulation. Prerequisites: BIO 221, CHM 211, or permission of the instructor. (BIO 425 is the same as CHM 425.)

**452. GENERAL ECOLOGY****4 semester hours**

A study of the interrelationships of organisms with their biotic and abiotic environments. Ecological principles at the population, community and ecosystem levels are discussed. Teaching methods will be by lectures, readings, scheduled laboratory and field studies. 3 lecture hours, 1 laboratory per week. Prerequisites: Senior standing or permission of the instructor.

**471. SENIOR SEMINAR I****1 semester hour**

Instruction and experience in extensive literature search and formal oral presentation of current information concerning a specific biological topic of interest. Restricted to senior biology majors or by permission of the instructor.

**472. SENIOR SEMINAR II****1 semester hour**

Students write either a scientific research paper or a scientific project proposal using the topic developed in Biology 471 as a foundation. Prerequisite: BIO 471.

**481. INTERNSHIP****1-3 semester hours**



## Business Administration

*Chairman, Department of Business Administration, Accounting and Office Administration:* Professor Marr

*Professors:* R. Anderson, Sanders, Sholtzberger

*Associate Professors:* Baxter, Oliver, Toney

*Assistant Professors:* McClellan, Weavil, Wheeler

A major in Business Administration requires Business Administration 111, 311, 321, 323, 328, 411 and 423; Accounting 211, 212 and 336; Computer Information Science 111; Economics 211, 212, 246 and 321; and 6 semester hours chosen from Mathematics 111, 121, 160, 161, 221 and 222. In addition the student must complete one of the following emphasis areas: *Management*—Business Administration 325, 412, 426; *Finance*—Business Administration 416, 421, Economics 331; *Marketing*—Business Administration 312, 313, 316. One additional 3 semester hour course must be completed from junior-senior level Business Administration, Accounting and/or Economics courses.

A minor in Business Administration requires Business Administration 111, 323; Accounting 211, 212; and Economics 211, 212.

Successful completion of the Real Estate sequence qualifies the student to take the North Carolina Brokers Examination. Successful completion of the first two courses of the sequence qualifies one to take the North Carolina Salesman Examination.

### **111. INTRODUCTION TO ACCOUNTING AND BUSINESS FINANCE** 3 semester hours

A beginning course for accounting and business administration majors. Principal emphases are on simple and compound interest concepts and applications. Various financial accounting concepts are used to introduce the study of basic financial statements.

### **302. BUSINESS COMMUNICATIONS** 3 semester hours

(Same course as OA 302. See OA 302 for description.)

### **311. PRINCIPLES OF MARKETING** 3 semester hours

The forces involved in the flow of goods from the point of production to the point of consumption, and the channels of distribution. The interest of the consumer; the marketing function; commodity, agricultural and industrial marketing; merchandising considerations; price policies; and governmental regulation of competition. Prerequisites: ACC 211, 212.

### **312. MARKETING RESEARCH** 3 semester hours

An application of research methods to the marketing functions. Emphasis is placed upon gathering and analyzing market data, and the relationship of research findings to the decision-making process of the firm. Prerequisites: BA 311, ECO 246.

### **313. ADVERTISING** 3 semester hours

The organization and functions of advertising. Topics include economic and social aspects, planning the campaign, creating the message, media, and measuring the effectiveness of advertising. Prerequisite: BA 311 or permission of instructor.

### **316. MARKETING CHANNELS** 3 semester hours

An in-depth analysis of the structures and functions of the middleman. Emphasizing channel management, performance and strategy, the course explores the relationships, problems and developing interfaces between manufacturers, wholesalers and retailers. Prerequisite: BA 311 or permission of the instructor.

### **321. BUSINESS LAW I** 3 semester hours

A survey of the legal environment of business. Emphasis is placed upon a study of administrative agencies, consumer protection and commercial law. Prerequisites: ECO 211, 212, or permission of the instructor.

**322. BUSINESS LAW II****3 semester hours**

A study of specialized topics. Emphasis is placed upon commercial paper, creditors' rights, secured transactions, partnerships and corporations, and decedents estates. Prerequisites: ECO 211, 212, or permission of the instructor.

**323. PRINCIPLES OF MANAGEMENT****3 semester hours**

An introduction to the precepts expounded by the classical, the scientific and the behavioral management approaches, with particular emphasis on organization and qualitative decision theory.

**325. PERSONNEL ADMINISTRATION****3 semester hours**

A study of the basic personnel practices, objectives, functions, and organization of personnel programs. Topics include job evaluation, selection and placement, testing, promotion, compensation, training, safety and health, and employee relationships. Prerequisite: BA 323.

**328. ORGANIZATIONAL BEHAVIOR****3 semester hours**

Emphasis upon individual behavior in the workplace as it is affected by the nature of the organizational structure, group memberships and individual interactions. Prerequisite: BA 323.

**341. FINANCIAL INTERMEDIARIES****3 semester hours**

A study of the major types of financial institutions, with emphasis placed upon asset and liability structure and management. In addition to banks and savings and loan associations, intermediaries such as brokerage firms, mortgage banking companies, pension plans, and casualty insurance companies are studied. Prerequisites: BA 111, ECO 211, 212.

**351. FUNDAMENTALS OF REAL ESTATE****3 semester hours**

A survey of contemporary practices, issues, and analyses from several disciplines—economics, finance, marketing, and law—as they relate to the use of land and building. Emphasis is placed on real estate evaluation and finance and tax factors in real estate analysis. Prerequisites: BA 111, ACC 211, 212, ECO 211, 212, or permission of the instructor.

**353. REAL ESTATE FINANCE****3 semester hours**

A survey of the principles, concepts, and techniques of effective real estate investment. Financing and forms of ownership are significant topics. Various tax provisions are emphasized. Prerequisite: BA 111 or permission of the instructor.

**355. REAL ESTATE INVESTMENT****3 semester hours**

Analysis of real estate investments. The course stresses the importance of real estate as an investment vehicle which competes for funds in the market place. Financing and income tax considerations are introduced, and some computer analysis is used in evaluating potential investments. Prerequisites: BA 351 or 353 and 411, or permission of the instructor.

**411. MANAGERIAL FINANCE****3 semester hours**

Principles of finance applied to corporate management. Ratio analysis, financial forecasting, working capital management, capital budgeting, capital structure, and financial structure are principal components. Money and capital market procedures and instruments are also given emphasis. Prerequisites: ACC 211, 212, ECO 211, 212, 246.

**412. OPERATIONS RESEARCH****3 semester hours**

The application of the scientific method and quantitative techniques to the analysis and solution of managerial decision problems. Focus is on system's approach with reliance on mathematical models and methods and knowledge from several disciplines. Prerequisites: ECO 246 and Senior status.

**416. FUNDAMENTALS OF INSURANCE****3 semester hours**

The basic principles underlying insurance contracts and the scope of coverage under the several divisions of insurance including life, fire, casualty, marine, bonds, and automobile insurance. The subject is covered from the viewpoints of personal, business, social, and special group needs.

**421. INVESTMENT PRINCIPLES****3 semester hours**

Designed to enable investors to manage a fund according to a predetermined objective. Emphasis on the factors of safety, income, and marketability; diversification and vigilance; the

bases of analysis of company management and industry trends to determine the present and prospective values of securities; and the kinds of investment opportunities available to investors. Prerequisites: ACC 211, 212, ECO 211, 212.

**422. BUSINESS AND SOCIETY****3 semester hours**

Relationship of the organization to its social and legal environment; interaction of firms, customers, and agencies of the federal, state, and local governments; environmental effects on individuals and the general economy; the firm as a citizen.

**423. BUSINESS POLICY****3 semester hours**

A business capstone course intended to integrate the student's background, experiences, and previous business core and major business curriculum through case studies and business decision simulation exercises; development of an effective conceptual approach to integrating administrative policy, strategies, and decision making.

**426. PRODUCTION AND OPERATIONS MANAGEMENT****3 semester hours**

Principles of management applied to production systems. Main emphasis is given to: production capacity planning; job design; standards and work measurement; scheduling; quality control; and inventory management. Prerequisites: BA 323, ECO 211, 212, 246.

**445. SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT****3 semester hours**

Application of analytical tools and techniques used in appraising the national economy as well as specific industries and companies. Emphasis is on securities markets as viewed by managers of institutional portfolios or individuals managing a personal portfolio. Prerequisites: BA 111, ACC 211, 212, ECO 211, 212, or permission of the instructor.

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours**

Advanced study consisting of readings, reports, and discussions of special topics. Participation by students, faculty, and other resource persons.

**491. INDEPENDENT STUDY****1-3 semester hours**

## Business Education

The Business Education program is listed under Office Administration.

## Chemistry

*Chairman, Department of Physical Sciences:* Associate Professor F. Harris

*Professors:* Danieleley, P. Cheek

*Instructor:* Holland

*Part-time Assistant Professor:* R. Cheek

A major in Chemistry requires Chemistry 111, 112, 211-212, 311, 312, 411; Mathematics 111, 121; and Physics 111, 112. Two years of German are recommended.

A minor in Chemistry requires Chemistry 111, 112, and twelve semester hours of Chemistry above the 100 level.

**101. BASIC CONCEPTS IN CHEMISTRY****4 semester hours**

A course designed to meet partially the general mathematics-science requirement of the College. Atomic structure, radiochemistry, chemical changes, descriptive chemistry of selected elements, organic chemistry. Lecture and recitation, three hours. No credit given to students having prior credit for Chemistry 111. No credit toward the Chemistry major or minor.

**103. BASIC CONCEPTS IN GEOLOGY****4 semester hours**

A topics approach which includes the nature and origin of rocks and minerals; origins of mountains; soil development; evolution of the landscape. 3 class hours, 3 laboratory hours. No credit toward the Chemistry major or minor.

**110. INTRODUCTION TO CHEMISTRY****3 semester hours**

Designed to provide the basic knowledge and skills which the student will need in Chemistry 111, 112. Recommended for students with little or no high school preparation in chemistry or meager background in mathematics. No credit given to students having prior credit for Chemistry 111 or 101. No credit toward Chemistry major or minor.

**111, 112. GENERAL CHEMISTRY****4 semester hours each semester**

Fundamental principles of inorganic, physical, and experimental chemistry. Atomic structure as it is related to the classification of the elements and the nature of their compounds. The more common elements and compounds are considered, and organic chemistry is studied briefly. Prerequisite to higher level courses in chemistry. 3 class hours, 3 laboratory hours.

**201. ENERGY AND ENVIRONMENT****3 semester hours**

A study of energy demands and supplies, the "energy crisis," alternate energy sources, and the environmental issues involved. Prerequisite: Chemistry 101 or 111 or permission of instructor.

**211-212. ORGANIC CHEMISTRY****4 semester hours each semester**

Chemistry of the compounds of carbon. Aliphatic, aromatic, alicyclic, and heterocyclic compounds are studied as to importance, methods of preparation, electronic structure, chemical and physical properties, and industrial and medicinal use. Laboratory work consists of preparation, purification, properties, and qualitative identification of typical compounds. 3 class hours, 3 laboratory hours. A continuous course which must be completed for credit toward a degree.

**311. QUANTITATIVE ANALYSIS I****4 semester hours**

Theory and techniques of volumetric and gravimetric procedures. 3 class hours, 3 laboratory hours.

**312. QUANTITATIVE ANALYSIS II****4 semester hours**

Further quantitative work, with emphasis on optical, electrical, chromatographic techniques. 3 class hours, 3 laboratory hours.

**391. INDEPENDENT STUDY****1-2 semester hours**

Library and/or laboratory study by the individual student. Open to students at all levels. Prerequisite: permission of the Chemistry staff. Maximum credit, 8 semester hours.

**401. CHEMISTRY AND SOCIETY****3 semester hours**

Designed to acquaint students with chemistry as a human endeavor pursuing knowledge and working toward improved living conditions. Topics include discoveries which have changed man's way of life, the people who made the discoveries, and the effects on society of significant developments in chemistry. Prerequisite: Any science class or permission of the instructor.

**411. PHYSICAL CHEMISTRY****4 semester hours**

Topics in thermodynamics, kinetics, colligative properties of solutions, and colloids. 3 class hours, 3 laboratory hours.

**412. INORGANIC CHEMISTRY****4 semester hours**

A study of the elements and their compounds based on atomic structure and periodicity. Chemical bonding as it relates to molecular structure and chemical reactivity. Aqueous and nonaqueous solvent systems, acid-base theories, and the chemistry of complexes. 3 class hours, 3 laboratory hours.

**425. BIOCHEMISTRY****3 semester hours**

(Same course as BIO 425. See BIO 425 for description.)

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours**

Advanced topics to meet the needs and interests of the students. Admission by permission of the department.

## Commercial Leisure and Sports Management

The Commercial Leisure and Sports Management Program is listed under Physical Education and Health.

## Communications

*Chairman, Department of Literature, Languages and Communications:*  
Associate Professor Gill

*Associate Professor:* Bland

*Assistant Professors:* Gibson, Nowell, Ponder

*Part-time Instructor:* Kerns

A major in Journalism-English requires Communications 210, 220, 225, 226, 245, 325, 345, 420, plus 9 semester hours (excluding practical experience) of Communications courses at the 300-400 level. A 3 semester hour Communications practical experience in either broadcasting or journalism is also required. Additional requirements include 21 semester hours of English courses (beyond English 111, 112), at least 12 semester hours of which must be 300-400 level courses.

A minor in Communications with a concentration in Journalism requires four courses chosen from Communications 210, 220, 225, 226, 325; plus 9 semester hours of Communications courses at the 300-400 level, not more than 3 semester hours of which may be a Communications practical experience.

A minor in Communications with a concentration in Broadcasting requires four courses chosen from Communications 210, 220, 225, 245, 345; plus 9 semester hours of Communications courses at the 300-400 level, not more than 3 semester hours of which may be a Communications practical experience.

### **101. PARLIAMENTARY PROCEDURE**

**1 semester hour**

A study of the rules which govern the proceedings of the deliberative assemblies, correlated with practice in the use of these rules. Emphasis on the practical application of parliamentary procedure in the conduct of meetings.

### **210. PUBLIC SPEAKING**

**3 semester hours**

The fundamentals of public speaking: principles in non verbal and oral communications, actual practice in delivery of ideas, supporting evidence, attention to diction, analysis of varied public presentations.

### **220. INTRODUCTION TO MASS COMMUNICATION**

**3 semester hours**

A survey of the history of mass media—newspapers, magazines, book publishing, films, the recording industry, radio, television and cable—with special emphasis on media as social institutions, economics of the media, and technological developments in media.

### **225. REPORTING AND NEWS WRITING**

**3 semester hours**

A study of the basic types of news articles for the mass media, intended to enable students to gather information and report it in standard journalistic style. Special attention is given to writing leads, interviewing techniques and editing copy. Students must be able to type. Prerequisites: ENG 111 or 112 or permission of the instructor.

### **226. FEATURE WRITING**

**3 semester hours**

A study of basic types of feature articles for newspapers and magazines. Emphasis is on applying techniques of fiction (narrative, characterization, dialogue, scenes) to nonfiction writing. Prerequisite: COM 225.

### **228. PHOTOJOURNALISM**

**3 semester hours**

A study and practical application of news photography, feature pictures and photo-feature pages in newspapers with work on camera techniques and darkroom procedures as needed. Prerequisites: Physics 103 or permission of the instructor.



**245. RADIO BROADCASTING**

**3 semester hours**

An introduction to broadcasting, including the history, regulation, ethics, physics, and capabilities of radio as a mass medium. Coursework includes scripting, newswriting, announcing, interviewing, and production techniques.

**310. ARGUMENTATION AND PERSUASION**

**3 semester hours**

Analyzing conflict in historical and current issues. Students learn procedures of rhetorical argument, methods of ethical and sensitive presentation and resisting persuasion, use of evidence, reasoning and refutation in oral argument. Prerequisite: COM 210 or permission of the instructor.

**325. NEWS EDITING AND LAYOUT**

**3 semester hours**

Study and practice in design and makeup of the modern newspaper, including copy editing, headline writing, scaling and cropping of photographs, caption writing, page layout, and use of art and graphics. Prerequisite: COM 225.

**345. BROADCAST JOURNALISM**

**3 semester hours**

A critical approach to the gathering, reporting and production of radio and television news. Students discuss and evaluate news, commentary and sports features. Each student creates and produces documentary and feature programs. Prerequisite: COM 245.

**360. INTRODUCTION TO THEATER**

**3 semester hours**

(Same course as FA 360. See FA 360 for description.)

**361. THEATER WORKSHOP**

**3 semester hours**

(Same course as FA 361. See FA 361 for description.)

**362. A STUDY OF FILMS**

**3 semester hours**

(Same course as ENG 362. See ENG 362 for description.)

**371. SEMINAR: SPECIAL TOPICS**

**1-3 semester hours**

Specialized topics or issues in Communications. Recent studies included International Communications, Magazine Journalism, Radio Theater, Propaganda and Mass Media, and Interpersonal and Group Communication.

**381. PRACTICUM IN COMMUNICATIONS**

**1-3 semester hours**

Work experiences at an advanced level in some aspect of broadcasting or journalism. Offered on an individual basis when suitable opportunities can be arranged. On or off campus. Prerequisite: COM 225 or 245 and permission of the instructor.

**420. LAW AND ETHICS OF MASS COMMUNICATION**

**3 semester hours**

Law and ethics of print journalism and broadcasting with particular emphasis on libel laws, invasion of privacy, free press-fair trial, obscenity and pornography, censorship, federal regulation of broadcasting content.

**426. EDITORIAL WRITING**

**3 semester hours**

A study of types of editorials and opinion articles for newspapers and magazines. Attention is given to design and makeup of the editorial pages and to special opinion sections of a publication. Prerequisite: COM 225.

**450. CRITICISM OF BOOKS, PLAYS AND FILMS**

**3 semester hours**

Interpretation and evaluation of current books, plays and films and several critical methods with which such works may be approached. Practice in criticism and reviewing.

**491. INDEPENDENT STUDY**

**1-3 semester hours**

## Computer Information Science

*Chairman, Department of Mathematics and Computer Information Science:* Professor Francis

*Associate Professors:* Alexander, R. Haworth, W. Hightower

*Instructors:* Carpenter, Flake, V. Hightower

A major in Computer Information Science requires 36 semester hours of Computer Information Science courses which include 111, 131, 232, 331, 332, 341, 342, 351, three courses at the 300-400 level (two of which must be at the 400 level), plus additional course(s). Additional requirements are one 3 semester hour course in statistics and Mathematics 111, 112, 121, 221 and 311. Students who have a computer science background may exempt Computer Information Science 111 by demonstrating proficiency.

A minor in Computer Information Science requires Computer Information Science 111, 121, 131, 222 or 232, one 3 semester hour course in statistics, and two additional Computer Information Science courses at the 300-400 level. Students who have a computer science background may exempt Computer Information Science 111 by demonstrating proficiency.

For instructional purposes the College has a DEC 11/34 computer with extensive software. Varieties of microcomputers are also available. Cooperative Education placements in Computer Information Science are available in area and regional businesses and industries.

### **101. COMPUTER CONCEPTS**

**1 semester hour**

A computer awareness course intended to inform students of current trends in the computer information science field and to provide them interactive experience on the college computing system. No credit is given to students who have previously completed another Computer Information Science course.

### **111. INTRODUCTION TO COMPUTERS AND DATA PROCESSING**

**3 semester hours**

An introduction to basic computer concepts: terminology, history, organization, hardware, and software. Elementary concepts of systems analysis and design; program design and flowcharting. The student will study procedures for interactive program execution utilizing BASIC computer language.

### **121. COBOL PROGRAMMING I**

**3 semester hours**

An introductory course on the use of computers in business applications utilizing COBOL programming language. File processing and updating, sorting and merging, reporting, input/output techniques. Elements of structured programming, and modular design techniques. Prerequisites: CIS 111 and MTH 111 or competency in each area.

### **131. COMPUTER PROGRAMMING AND ALGORITHM DEVELOPMENT I**

**3 semester hours**

A second course involving advanced programming techniques in BASIC language. Simple computer organization and SAMOS assembly language. Structured programming methodology, algorithm construction using flowcharts and a pseudo-language. Prerequisites: CIS 111 and MTH 111 or competency in each area.

### **222. COBOL PROGRAMMING II**

**3 semester hours**

A continued study of the COBOL programming language incorporating program design and techniques of file processing. Prerequisite: CIS 121.

### **232. COMPUTER PROGRAMMING AND ALGORITHM DEVELOPMENT II**

**3 semester hours**

A continuation of the development of problem solving methods. Algorithmic analysis is introduced. An introduction to the basic aspects of string processing, recursion, internal search/sort methods and simple data structures. Prerequisite: CIS 131.

### **260. SPSS**

**2 semester hours**

Designed to assist students in preparing and executing data analysis using *The Statistical Package for the Social Sciences*. Prerequisite: 3 semester hours of statistics or permission of the instructor.

**315. NUMERICAL ANALYSIS**

**3 semester hours**

An introduction to numerical analysis. Floating point arithmetic, interpolation, approximation, numerical integration and differentiation, nonlinear equations, and linear systems of equations. Prerequisites: CIS 131 or MTH 311. (CIS 315 is the same as MTH 315.)

**321. SYSTEMS ANALYSIS AND DESIGN**

**3 semester hours**

A formal approach in computer systems analysis, design, and development. A structured life-cycle approach will be used. An integral part of the course is the involvement of students working in teams to produce specifications and detailed written reports of computer-oriented systems projects. Prerequisites: CIS 121 and 131.

**322. MANAGEMENT INFORMATION SYSTEMS**

**3 semester hours**

An in-depth study of management-oriented information systems: theory and practice. Study of information system impact on organizations and personal life in a computer-oriented society. An integral part of the course is the involvement of students — reading current journals and reporting in class. Prerequisite: CIS 321.

**331. DATA STRUCTURES AND ALGORITHM ANALYSIS**

**3 semester hours**

An in-depth study of data structures and their manipulation: stacks, queues, lists, linked lists, and trees. Basic techniques of design and analysis of efficient algorithms in sorting/merging/searching. Integration of data structures and their manipulation into a simple database or file management system using BASIC language. Prerequisite: CIS 131.

**332. FILE PROCESSING**

**3 semester hours**

Concepts and techniques of structuring data on mass storage devices. Sort/merge/search algorithms for sequential and direct access files. Techniques for updating, deleting and inserting records. Prerequisite: CIS 232.

**335. ORGANIZATION OF PROGRAMMING LANGUAGES**

**3 semester hours**

An introduction to language definition structure, data types and structures, control structures and data flow, run-time characteristics and lexical analysis and parsing. Programming assignments involve the use of several different languages. Prerequisites: CIS 232 or both CIS 121 and 131.

**341. COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE PROGRAM I**

**3 semester hours**

Computer architecture, internal representation of data, Boolean algebra, computer arithmetic, and addressing techniques. Machine language and assembly language programming. Prerequisite: CIS 331.

**342. COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE PROGRAM II**

**3 semester hours**

Subroutines, macros, and conditional assembly. Hardware and software considerations of file I/O. Prerequisite: CIS 341.

**351. DISCRETE STRUCTURES**

**3 semester hours**

An introduction to discrete mathematical structures which find applications in computer science. Undirected graphs, trees, directed graphs, formal languages, lattices, Boolean algebras, and combinations. Prerequisites: MTH 311 and CIS 111. (CIS 351 is the same as MTH 351.)

**421. INTRODUCTION TO ARTIFICIAL INTELLIGENCE TECHNIQUES**

**3 semester hours**

An introduction to basic concepts and techniques of artificial intelligence. Strategies for choosing representations, search strategies, communication and perception, and applications. Prerequisite: CIS 331.

**431. DESIGN OF DATA BASE MANAGEMENT SYSTEMS**

**3 semester hours**

Introduction to data base concepts and design techniques. Network, relational and hierarchical data models. Normalized forms of data relations. Query facilities. Prerequisites: CIS 331 and 332.

**441. COMPUTER ARCHITECTURE AND SYSTEMS PROGRAMMING**

**3 semester hours**

The fundamental concepts of operating systems and their relationship to computer architecture. Concurrent programming, interrupt processing, memory management, and resource allocation. Prerequisite: CIS 342.

**471. SEMINAR: SPECIAL TOPICS**

**1-3 semester hours**

Advanced study consisting of readings, reports, projects and discussions of contemporary problems and issues of computer information science. Prerequisite: Permission of the instructor.

**481. INTERNSHIP**

**1-3 semester hours**

**491. INDEPENDENT STUDY**

**1-3 semester hours**

## **Cooperative Education**

*Director, Cooperative Education: Assistant Professor Weavil*

The Cooperative Education Program (Co-op) is designed to enable qualified Elon students in selected curricula to combine classroom theory with professional work experience while completing their degrees. The practical application of knowledge and skills learned in the classroom in a related work environment provides students with a broad-based education.

A Co-op student may work either two terms in a full-time job or for a maximum of six terms in a part-time job with an employer selected and/or approved by the College. The student is contacted periodically each term by the co-op faculty coordinator in addition to receiving the employer's supervision.

Credit hours for co-op periods are based on the average number of hours worked per week during the term. Semester credit hours for a part-time or 'Parallel' co-op experience vary from one to three, and a full-time experience awards four credits.

Any students who are enrolled in curricula offering the Cooperative Education Program and have completed a minimum of 50 semester hours are eligible to enter provided they meet the following requirements:

1. have Co-op faculty coordinator's recommendation
2. have a minimum 2.50 GPA in related area
3. complete the classroom course COE-210 — Introduction to Cooperative Education — either prior to or during first work term.
4. have approval from Co-op Director.

Interested students are encouraged to contact the Co-op Office for more information.

**210. INTRODUCTION TO COOPERATIVE EDUCATION**

**1 semester hour**

A study of cooperative work experience education. All phases of the program are reviewed with particular attention devoted to preparing the student for entry into the world of work. The individual process of career decision making and methods of securing and retaining a job are emphasized.

**381-386. CO-OP WORK EXPERIENCE**

**1-4 semester hours**

This series of courses provides the student with either a part-time or full-time work experience. The student learns by applying classroom/lab theory and skills in a job related to the degree major and/or career objectives. Prerequisite: Full admission to the Co-op Program.

## **Cytotechnology**

*Chairman, Department of Biology and Allied Health: Associate Professor H. House*

*Medical Director: Adjunct Professor Peace*

*Educational Coordinator: Flinchum*

Elon College offers Bachelor of Science and Associate in Science Programs in Cytotechnology in cooperation with Roche Biomedical Laboratories, Inc., of Burlington. The Cytotechnology Program is designed to meet the needs of students preparing for positions as Cytotechnologists in hospitals, clinics, commercial laboratories, and private physicians' laboratories. The work of the senior year (12 months) is given primarily at Roche Biomedical Laboratories.

The requirements for the Bachelor of Science degree are as follows: Cytotechnology 411, 412, 421, 422, 423, 424, 425, 426, 427, 428, 471, 481, 482, 483, 484, 485, 486; Biology 111, 211, 265, 311, plus 8 semester hours chosen from Biology 321, 322, 341, 345, 425; Chemistry 111, 112, 211-212; and Physics 111 or 112.

A student may be admitted to the cytotechnology courses at Roche Biomedical Laboratories after completing two academic years with a minimum of 64 semester hours specified in the pre-cytotechnology program. These requirements are as follows: Biology 111, 221, 265, plus 4 semester hours chosen from Biology 321, 322, 341, 345, 425; Chemistry 111, 112, 211-212; English 111, 112; Mathematics 111; Physical Education 160; plus courses which meet the General Studies requirements. Students successfully completing the first two years of the academic curriculum plus the 12 month cytotechnology program may elect to receive the Associate in Science degree.

Successful completion of the academic program does not automatically assure admission to the clinical studies since class size at Roche Biomedical Laboratories is limited. Admission is selective with priority given to Bachelor of Science degree candidates.

Students successfully completing the program are eligible to take the registry examination administered by the American Society of Clinical Pathologists (ASCP).

Transfer students who have successfully completed an approved pre-cytotechnology program may enter directly into the Cytotechnology courses at Elon College.

#### **411. ELEMENTARY CYTOLOGY**

**2 semester hours**

General fundamentals of cell structure and embryology as related to the field of cytology. Includes orientation to the field of cytology and the role of the cytotechnologist in health care delivery. Lectures and laboratory.

#### **412. CLINICAL MICROSCOPY**

**1 semester hour**

The care and use of the light microscope. Lectures and laboratory.

#### **421. CYTOLOGY AND PATHOLOGY OF THE FEMALE GENITAL SYSTEM**

**6 semester hours**

Cytology of the female genital tract in health and disease. The study of cells in normal, benign, and malignant stages of development. Lectures and laboratory. Prerequisites: CYT 411, 412.

#### **422. CYTOLOGY AND PATHOLOGY OF THE RESPIRATORY SYSTEM**

**3 semester hours**

Cytology of the respiratory system in health and disease. Study of the cell in normal conditions, in benign and malignant pathological conditions. Lectures and laboratory. Prerequisites: CYT 411, 412.

#### **423. CYTOLOGY AND PATHOLOGY OF THE BODY CAVITY FLUIDS**

**3 semester hours**

Cytology of the pericardial, pleural, and abdominal cavities and cerebral spinal fluid. Lectures and laboratory. Prerequisites: CYT 411, 412.



- 424. CYTOLOGY AND PATHOLOGY OF THE URINARY TRACT AND MALE GENITAL SYSTEM** **2 semester hours**  
Study of the normal, benign, and malignant cell changes as they occur in health and disease of the urinary tract and male genital system.
- 425. CYTOLOGY AND PATHOLOGY OF THE ALIMENTARY TRACT** **2 semester hours**  
Study of the cytology of the alimentary canal in health and disease. Lectures and laboratory. Prerequisites: CYT 411, 412.
- 426. CYTOLOGY AND PATHOLOGY OF THE BREAST** **1 semester hour**  
Cytology of breast secretion and aspirates. Cell changes resulting from benign diseases and malignant tumors. Lectures and laboratory. Prerequisites: CYT 411, 412.
- 427. SPECIAL METHODS IN CYTOLOGY** **2 semester hours**  
Endometrial sampling techniques and aspiration biopsy cytology. Prerequisites: All lower numbered Cytology courses. Lectures and laboratory.
- 428. CYTOPREPARATORY TECHNIQUES AND RECORD KEEPING** **2 semester hours**  
Routine methods in cytology including specimen processing, staining, and record keeping. Lectures and laboratory.
- 471. SEMINAR** **1 semester hour**  
Literature search and presentations of individual student projects.
- 481. DIAGNOSTIC PRACTICUM I** **1 semester hour**  
Supervised prescreening of gynecologic tract specimens.
- 482. DIAGNOSTIC PRACTICUM II** **1 semester hour**  
Supervised prescreening of respiratory tract specimens; continued prescreening of a small number of gynecologic tract cases. Prerequisites: CYT 411, 412, 421, and 481.
- 483. DIAGNOSTIC PRACTICUM III** **2 semester hours**  
Supervised prescreening of specimens from urinary and alimentary tracts, breast and body cavity fluids, and miscellaneous body sites. Prerequisite: CYT 482.
- 484. ADVANCED PRACTICUM I** **3 semester hours**  
Supervised prescreening of undiagnosed gynecologic and nongynecologic specimens with increasing student proficiency requirements. Prerequisite: CYT 483.
- 485. ADVANCED PRACTICUM II** **3 semester hours**  
Advanced practice of cytotechnology. Prerequisite: CYT 484.
- 486. CYTOPREPARATORY TECHNIQUES II** **1 semester hour**  
Supervised rotation in the cytopreparatory laboratory. Prerequisite: CYT 428.
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## Dance

The Dance program is listed under Fine Arts and Physical Education.

## Economics

*Chairman:* Professor R. Anderson

*Professor:* Sholtzberger

*Associate Professor:* Toney

*Assistant Professor:* R. Williams

A major in Economics requires Economics 211, 212, 246, 311, 321, 331, 347, 411, 413, and 6 semester hours of economics electives on the junior-senior level. (Accounting 336 may be substituted for 3 elective hours in economics.) Additional course requirements are: Mathematics 111, 160 (or higher than

111); Accounting 211, 212; and Business Administration 412.

A minor in Economics requires Economics 211, 212, 311, 413, and 6 semester hours of economics electives.

**211, 212. PRINCIPLES OF ECONOMICS**

**3 semester hours each semester**

National accounts, employment, fluctuations, money and banking, economic stabilization. Price theory, market structures, distribution theory, international trade.

**246. STATISTICS FOR MANAGEMENT DECISIONS**

**3 semester hours**

Collection, presentation, analysis and interpretation of statistical data. Descriptive tools for frequency distributions, central tendency and dispersion. Sampling theory and sampling distributions. Techniques for statistical inference include estimation and hypothesis testing for one and two samples, quality control, and linear regression, method of least squares. Prerequisites: MTH 111, 160.

**311. INTERMEDIATE ECONOMIC THEORY**

**3 semester hours**

Intermediate price theory, market structure, and distribution theory. Prerequisites: ECO 211, 212.

**312. COMPARATIVE ECONOMIC SYSTEMS**

**3 semester hours**

Study of capitalism, Marxian theory, and theoretical socialism. Included is an in-depth analysis of British Socialism and the economy of the Soviet Union. Prerequisites: ECO 211, 212.

**313. LABOR ECONOMICS**

**3 semester hours**

Study of the historical development, structure, government, and specific problems of the trade union movement. Emphasis is placed on collective bargaining, the economics of the labor market, minimum wages, maximum hours, and governmental security programs and labor law. Prerequisites: ECO 211, 212. Winter term only.

**321. MANAGERIAL ECONOMICS**

**3 semester hours**

Elementary quantitative tools applied to the theory of the firm and consumer theory settings, including optimization, utility theory, demand and costs, and market structures. Prerequisites: ECO 211, 212; MTH 111, 160.

**331. MONEY AND BANKING**

**3 semester hours**

Study of history, structure, functions, and operations of our commercial and central banking system. Emphasis is placed on monetary theory, monetary policy, and the mechanism of international payments. Prerequisites: ECO 211, 212.

**332. PUBLIC FINANCE**

**3 semester hours**

A positive and normative approach to the role of government in the economy. Public expenditures are discussed in light of pure theory, the theory of social choice, and practical application. The approach to taxation involves theory, resource allocation, income distribution, and analysis of various forms of taxation. Prerequisites: ECO 211, 212.

**347. STATISTICAL ANALYSIS**

**3 semester hours**

Applications of statistical techniques of analysis of variance and covariance, chi-square, simple and multiple correlation and regression, interpretation of standard designs used in scientific research; Non-parametric Tests; Index Numbers and Time Series Analysis, Decision Theory. Prerequisite: ECO 246.

**411. DEVELOPMENT OF ECONOMIC THOUGHT**

**3 semester hours**

Development of economic thought from antiquity to the present. Identification of various schools of economic thought and critical evaluation of content. Prerequisites: ECO 211, 212.

**412. INTERNATIONAL TRADE AND FINANCE**

**3 semester hours**

A study of fundamental principles of international economic relations. Subjects include: the economic basis for international specialization and trade; economic gains from trade; balance of international payments; problems of international finance; and international investments. Prerequisites: ECO 211, 212.

**413. INTERMEDIATE MACROECONOMIC THEORY****3 semester hours**

National income accounting, business cycles, economic growth, forecasting, and economic stabilization. Prerequisites: ECO 211, 212.

**471. SEMINAR: SPECIAL TOPICS****3 semester hours****491. INDEPENDENT STUDY****1-3 semester hours****Education**

*Chairman, Department of Education and Psychology:* Assistant Professor P. Williams

*Associate Professor:* Simon

*Assistant Professors:* Harper, Maness

The student planning to teach in North Carolina can fulfill the professional requirements by taking the education and psychology courses prescribed below. The student planning to teach in a state other than North Carolina should obtain a copy of the certification requirements for a public school teacher from the State Superintendent of Education in the state in which he plans to teach if the state does not have a reciprocity agreement with North Carolina.

Before being accepted into the teacher education program, the student must be approved by the faculty committee on teacher education; he is required to have and maintain at least a 2.10 average. In all cases approval is subject to the discretion of the faculty committee, which bases its decisions upon a consideration of such factors as the above and the following: the student must have satisfactory command of the English language (written and oral), and must be mentally, physically, morally, and emotionally acceptable for teaching. Application forms for the teacher education program are available in the office of the chairman of the teacher education committee and must be filed by November 1 or April 1 of the semester immediately prior to the beginning of the student's junior year.

To be approved for student teaching, a student must have at least a 2.20 grade point average.

Upon completion of quantitative requirements a student must have a 2.20 cumulative average in order to be recommended for teacher certification to the North Carolina Department of Public Instruction.

**Requirements for the Elementary Education Major**

A major in Elementary Education consists of courses necessary to meet requirements for Early Childhood (grades K-3) or Intermediate (grades 4-9) certification in the public schools of North Carolina.

A major in Elementary Education requires Education 211, 311, 321, 473, 481; Psychology 211, 321, 331; Art 261; Biology 111; Chemistry 101 (or Physics 101); Economics 211; English 221 or 222, 231 or 232, 301; Fine Arts 211; Geography 121, 131; History 211, 212; Mathematics 261, 262; Physical Education 120; Political Science 231; and Sociology 111, 112.

Additional requirements for Early Childhood (K-3) certification are Music 261 and Physical Education 360.

Students seeking certification in the Intermediate grades (4-9) are required to take Physical Education 361 and have two subject area concentrations. These areas are Social Studies and one of the following: Language Arts, Math/Science, Mathematics, Science, Music, Physical Education. (All Ele-

mentary Education majors meet the Social Studies concentration requirements when the major requirements are completed.)

### **Requirements for the Secondary Education Majors**

A major in Secondary Education consists of courses necessary to meet requirements for secondary certification (grades 8-12). Requirements are Education 211, 311, 322, 471, 472 (subject area), 481; Psychology 211, 321, 341, and one of the following concentration areas: Biology, Business Education (Office Management), Chemistry, English, History, Mathematics, Physics, Science Education, and Social Sciences. Specific requirements for each concentration are listed with the appropriate department in this catalog.

### **Requirements for the Special Subject Areas Education Majors**

A major in Special Subject Areas Education (grades K-12) consists of courses necessary to meet requirements for certification in Special Subject Area certification in the public schools of North Carolina. Requirements are Education 211, 311, 322, 471, 472 (subject area), 481; Psychology 211, 321, 331, 341 and one of the following concentration areas: Music Education and Physical Education. Specific requirements for each concentration are listed with the appropriate department in this catalog.

### **Requirements for Minor Fields**

A minor in Education requires Education 211, 311, and one course selected from Education 321, 322 or 371 (3 semester hours); plus Psychology 211, 321, and 331 (or 341). Students interested in Early Childhood Education or Intermediate Education should select Education 321 or 371 and Psychology 321. Students interested in Secondary Education or Special Subject areas should select Education 322 or 371 and Psychology 341. Students seeking teacher certification may not earn this minor.

A minor in Special Education requires Education 211, Psychology 211, 321, 331, 332, 411, plus one additional 3 semester hour course approved by the department.

#### **211. INTRODUCTION TO EDUCATION**

**3 semester hours**

A study of teaching as a profession; public school organization and administration; curriculum; financial support; co-curricular activities; accreditation and teacher certification; teacher's role in public relations.

#### **281. PRACTICUM PRIOR TO STUDENT TEACHING**

**1 or 3 semester hours**

Designed for sophomores and juniors as a pre-student teaching field experience. Students work full day as teacher aides in the local school system. One semester hour credit for Office Administration majors; others, 3 semester hours. Winter term only.

#### **311. FOUNDATIONS OF EDUCATION**

**3 semester hours**

The historical development and philosophical bases of public education in America; the school's role and influence in society; the teacher's role as it has emerged from the philosophies, practices, and policies of public education. Prerequisite: Education 211.

#### **321. READING IN THE LOWER GRADES**

**3 semester hours**

A study of the fundamental processes by which a child learns to read, with attention to readiness factors, vocabulary development, word attack, and comprehension skills. Public school classroom observation required. Prerequisite: Junior or Senior status.

#### **322. READING IN THE UPPER GRADES**

**3 semester hours**

A study of the reading process and reading problems of students above the primary level. Study includes the reading process, diagnosis of reading difficulties, remedial techniques, standardized tests, vocabulary building. Public school classroom observation required. Prerequisite: Junior or Senior status.

**371. SPECIAL TOPICS****1-3 semester hours****471. MATERIALS AND METHODS OF HIGH SCHOOL TEACHING** **3 semester hours**

Study of the general methods, techniques and practices applied in the secondary school. Open only to seniors and scheduled in conjunction with student teaching. Taught in conjunction with Education 472, the course in materials and methods of each subject-matter concentration listed below.

**472a. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL BUSINESS EDUCATION****2 semester hours**

Training in teaching business subjects offered in the high school program; emphasis on methods of evaluating student performance, on the professional development of the business education teacher, and on materials used in the teaching of basic business. Winter term only.

**472b. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL ENGLISH****3 semester hours**

A study of the content and organization of the English curriculum; emphasis upon the methods and materials used in teaching reading, literature, grammar, oral and written expression. Public school classroom observation required. Fall semester only.

**472d. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL MATHEMATICS****3 semester hours**

A study of the objectives and content of the mathematics curriculum, and the materials, techniques, tests and methods of evaluation used in the teaching of mathematics. Fall semester only.

**472e. MATERIALS AND METHODS OF TEACHING HEALTH AND PHYSICAL EDUCATION****3 semester hours**

Methods, materials, and techniques of teaching skills in the school health, physical education curriculum; organization and planning of the total curriculum as well as daily programs; laboratory experiences in observing and conducting activity classes in on-campus student teaching in conjunction with activity classes.

**472f. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL SCIENCE****3 semester hours**

The role of science in the secondary school curriculum. Current trends and methods used in teaching the Natural Sciences. Emphasis on Biology, Chemistry or Physics, depending upon the prospective teacher's major discipline. Fall semester only.

**472g. MATERIALS AND METHODS OF TEACHING HIGH SCHOOL SOCIAL STUDIES****3 semester hours**

A study of the materials and methods of teaching social studies. Emphasis upon planning, organization, objectives, and evaluation. Required classroom observation. Spring semester only.

**473. MATERIALS AND METHODS IN ELEMENTARY EDUCATION****6 semester hours**

Investigation, evaluation, and selection of content, materials and methods used in the organization, planning, and teaching of language arts, social studies, science and mathematics in the elementary school. Open only to seniors and scheduled in conjunction with student teaching.

**481. SUPERVISED OBSERVATION AND STUDENT TEACHING****6 semester hours**

This course provides the student with actual experience in the classroom on a full-time basis for a period of eight weeks, with periodic conferences with the supervisor and a short seminar at the end of the student teaching term. The student becomes acquainted with the duties and observes the methods and activities of an experienced teacher with gradual induction into full-time teaching responsibilities. History and English majors, Spring semester only. Prerequisites: Education 311 and 471 or 473.

**491. INDEPENDENT STUDY****1-3 semester hours**



**English**

*Chairman, Department of Literature, Languages and Communications:*  
Associate Professor Gill

*Professors:* Blake, Smith

*Associate Professors:* J. Berry, Bland, Euliss

*Assistant Professors:* Angyal, Brittain, Lyday-Lee, Mackay, Maness, Ponder, Vanderwerff

*Instructors:* Migniuolo, P. Haworth

*Part-time Instructors:* A. Butler, Callahan, Hoppe, R. House, Russell, J. Young

The major in English requires English 111, 112, 211, 221 or 222, 231, 232, 242 or 360, 243 or 320 or 361, 330 or 331 or 332, 334 or 335, 420 or 431, two courses selected from 250, 351, 352, 353; plus nine hours of electives in English (at least six of which must be on the 300-400 level). In addition to providing a broad range of courses, the English major allows the student to concentrate on one or more of the following areas: British literature, American literature, international literature, and the English language. Students majoring in English for teacher certification are required to take English 111, 112, 211, 221 or 222, 231, 232, 242 or 360, 243 or 320 or 361, 250, 351, 352, 353, 420, plus nine hours of electives in English (at least six of which must be on the 300-400 level); Communications 210.

A major in Journalism-English requires Communications 210, 220, 225, 226, 245, 325, 345, 420, plus 9 semester hours (excluding practical experience) of Communications courses at the 300-400 level. A 3 semester hour Communications practical experience in either broadcasting or journalism is also required. Additional requirements include 21 semester hours of English courses (beyond English 111, 112), at least 12 semester hours of which must be 300-400 level courses.

A minor in English requires 18 semester hours of English courses beyond English 111 and 112, at least 9 semester hours of which must be 300-400 level courses.

**100. BASIC WRITING SKILLS****3 semester hours**

A course with a lab designed to ensure the student's ability to apply basic grammar, usage and punctuation in writing, to use varied sentence patterns, and to compose well-developed paragraphs. Required of all entering freshmen and transfer students except those who can demonstrate writing competence. This course does not satisfy a general studies requirement or the requirements for the English major/minor. A final grade of "C" is prerequisite for registration for English 111. Not open to students with prior credit for English 111 except with special permission.

**106. READING SKILLS****3 semester hours**

Designed to improve reading comprehension, reading speed and vocabulary. Required of all entering freshmen and transfers except those who can demonstrate reading competence. This course does not satisfy a general studies requirement or the requirements for the English major/minor.

**111. FRESHMAN ENGLISH****3 semester hours**

A course in composition emphasizing grammar, sentence clarity, paragraph construction, and patterns of organization for entire essays.

**112. FRESHMAN COMPOSITION AND RESEARCH METHODS****3 semester hours**

A continuation of English 111. A study of composition emphasizing logic and argument with some attention given to development of tone and style in the writing of essays. In addition, prose literature and research methods will be studied. Prerequisite: ENG 111.

**211. INTRODUCTION TO LITERATURE****3 semester hours**

A study of the characteristics of fiction, drama and poetry. Emphasis on how to interpret these kinds of literature and assess their traditional identifying characteristics. Prerequisites: ENG 111, 112.

**221. AMERICAN LITERATURE I****3 semester hours**

A survey of American Literature from the Colonial Period to 1860 as reflected against the literary, historical and cultural backgrounds. Prerequisites: ENG 111, 112.

**222. AMERICAN LITERATURE II****3 semester hours**

A survey of American Literature from 1860 to the present as reflected against the literary, historical and cultural backgrounds. Prerequisites: ENG 111, 112.

**231. ENGLISH LITERATURE I****3 semester hours**

A survey of English Literature from Beowulf to the end of the eighteenth century as reflected against the literary, historical and cultural backgrounds. Prerequisites: ENG 111, 112.

**232. ENGLISH LITERATURE II****3 semester hours**

A survey of English Literature from the beginning of the nineteenth century to the present as reflected against the literary, historical and cultural backgrounds. Prerequisites: ENG 111, 112.

**241. CLASSICAL LITERATURE****3 semester hours**

A survey of Greek and Roman myth, drama, epic, and lyrical poetry. Readings will include writers such as Homer, Aeschylus, Sophocles, Euripides, Ovid, Virgil, Catullus, and Horace. Prerequisites: ENG 111, 112.

**242. WORLD LITERATURE I****3 semester hours**

A survey of World Literature from the Book of Job through Montaigne as reflected against the literary, historical and cultural backgrounds. Prerequisites: ENG 111, 112.

**243. WORLD LITERATURE II****3 semester hours**

A survey of World Literature from Neoclassical to modern writers as reflected against the literary, historical and cultural backgrounds. Prerequisites: ENG 111, 112.

**250. FUNDAMENTALS OF GRAMMAR****3 semester hours**

A thorough study of the traditional description of the English language for the purpose of teaching terminology, parts of speech, grammatical structures, and correct usage at the level of standard written English. Prerequisites: ENG 111, 112.

**251. ENGLISH STUDIES IN BRITAIN****3 semester hours**

A study-tour based in London with emphasis on the theater and places of literary and cultural importance. Excursions to such places as Stratford-upon-Avon, Stonehenge, and Canterbury. Winter Term only. No credit on the English minor.

**301. CHILDREN'S LITERATURE****3 semester hours**

Children's literature as a basis for the selection and production of reading or story material for children in the primary and elementary grades. Examination of the field of children's literature and folk literature to discover reading which satisfies modern education requirements. No credit on the English major, Journalism-English major, or English minor. Prerequisites: ENG 111, 112.

**320. LITERATURE OF THE SOUTH****3 semester hours**

A study of twentieth-century Southern literature, its background and themes, with attention given to major writers of the century and to significant contemporaries. Prerequisites: ENG 111, 112.

**330. CHAUCER****3 semester hours**

An in-depth study of Chaucer's major works set against the intellectual background of the late Middle Ages; the greater portion of *The Canterbury Tales*, *Troilus and Cressida*, two dream visions and several of the lyrics. Prerequisites: ENG 111, 112.

**331. SHAKESPEARE****3 semester hours**

The study of a selected group of Shakespeare's comedies, tragedies, and histories. Prerequisites: ENG 111, 112.

**332. MILTON**

**3 semester hours**

A study of selected works of Milton in poetry and prose as reflected against the intellectual background of the seventeenth century. Prerequisites: ENG 111, 112.

**334. STUDIES IN THE ROMANTIC PERIOD**

**3 semester hours**

An intensive study of selected major literary figures of the Romantic period with interpretive and biographical emphases. Topics vary. Prerequisites: ENG 111, 112.

**335. STUDIES IN THE VICTORIAN PERIOD**

**3 semester hours**

Selected readings in the prose and poetry of nineteenth-century England (1832-1900). Included in the study will be Tennyson, Browning, Carlyle, Arnold and others, as well as some characteristics of the period. Prerequisites: ENG 111, 112.

**351. THE ENGLISH LANGUAGE**

**3 semester hours**

A study of the growth and development of the English language, changes in its phonology, morphology and syntax, and its dialectal variations in the United States. Prerequisites: ENG 111, 112.

**352. INTRODUCTION TO RHETORIC**

**3 semester hours**

A study of the resources of language as a vehicle of communication. The emphasis is on the practical application of these resources to the problems of written communication by the writing of frequent papers. Prerequisites: ENG 111, 112.

**353. INTRODUCTION TO LINGUISTICS**

**3 semester hours**

A study of traditional grammar and of the transformational-generative systems of language description. Prerequisites: ENG 111, 112.

**360. DRAMATIC LITERATURE I**

**3 semester hours**

A survey of classical, oriental and European drama from the Greek tragedians through French Neoclassical and German Romantic playwrights. Prerequisites: ENG 111, 112.

**361. DRAMATIC LITERATURE II**

**3 semester hours**

A close reading and analysis of world drama of the late nineteenth and twentieth centuries, from Ibsen and Chekhov through Albee and Shaffer. Course will include an introduction to critical concepts and vocabulary of the modern theater. Prerequisites: ENG 111, 112.

**362. A STUDY OF FILMS**

**3 semester hours**

A survey of significant world cinema, using films that illustrate differences in national cultures, chief periods and types of film-making, and the achievements in techniques and ideas of the greatest directors. Lab fee. Prerequisites: ENG 111, 112. (ENG 362 is the same as COM 362.)

**365. LITERATURE AND THEOLOGY**

**3 semester hours**

A study focusing on the relationship between the literary and theological disciplines with special attention to critical essays in this field with discussion of contemporary literature illustrative of various approaches to religious questions. Prerequisites: ENG 111, 112. (ENG 365 is the same as REL 365.)

**420. THE AMERICAN NOVEL**

**3 semester hours**

A study of representative types of American novels from the nineteenth century to the present. Prerequisites: ENG 111, 112.

**431. THE BRITISH NOVEL**

**3 semester hours**

A study of representative types of British novels from the eighteenth century to the present. Prerequisites: ENG 111, 112.

**441. POETRY**

**3 semester hours**

A study of the major types of poetry. Prerequisites: ENG 111, 112.

**471. SEMINAR: SPECIAL TOPICS**

**3 semester hours**

Recurring courses are: Appalachian Mountain Literature; Hemingway and Fitzgerald; Modern American Black Literature; The American West; Recent British and American Literature; The

Political Novel; Images of Women in Fiction; Myth, Fantasy and Modern Fiction; Types of Love in Literature; Tragedy in a Christian Perspective; Literature and Social Justice; Science and Human Values.

**491. INDEPENDENT STUDY**

**1-3 semester hours**

**Fine Arts**

*Chairman, Department of Fine Arts:* Associate Professor Burnham

*Professors:* Westafer, J. White

*Assistant Professor:* Cofield

*Part-time Instructors:* Gray, Kerns, Wellford

A minor in Dance requires 18 semester hours distributed as follows: three courses selected from Fine Arts/Physical Education 103, 104, 112, 113, 114; two courses selected from Fine Arts/Physical Education 201, 202, 203; two semesters of Fine Arts/Physical Education 204; two courses selected from Fine Arts/Physical Education 365, 366, 367; plus 3 semester hours of additional dance courses at the 200 or higher level.

**103. DANCE SURVEY**

**1 semester hour**

Study and participation in a wide variety of folk and square dances and the fundamentals of modern and social dancing. (FA 103 is the same as PE 103.)

**104. MODERN DANCE**

**1 semester hour**

Study and participation in modern dance techniques and styles as well as a study of the history, the choreography and outstanding modern dance personalities. (FA 104 is the same as PE 104.)

**112. BALLET I**

**1 semester hour**

Study and participation in classical ballet techniques. (FA 112 is the same as PE 112.)

**113. JAZZ DANCE I**

**1 semester hour**

Exploration of the various jazz dance techniques and styles as well as an introduction to the history and choreography of jazz dance. (FA 113 is the same as PE 113.)

**114. DANCE IMPROVISATION**

**1 semester hour**

The study and composition of movements which are created both individually and corporately through performance of several improvised dance movement phrases. (FA 114 is the same as PE 114.)

**201. MODERN DANCE II**

**2 semester hours**

Exploration and comparison of the various modern dance techniques and theories at the intermediate level. Prerequisite: FA/PE 104 or permission of the instructor. (FA 201 is the same as PE 201.)

**202. BALLET II**

**2 semester hours**

Participation in intermediate level ballet exercises, combinations and study. Prerequisite: FA/PE 112 or permission of the instructor. (FA 202 is the same as PE 202.)

**203. JAZZ DANCE II**

**2 semester hours**

Exploration of the various jazz dance techniques at the intermediate level, in-depth study of the choreographic process, and study of persons and events which have shaped the history of jazz dance. Prerequisite: FA/PE 113 or permission of the instructor. (FA 203 is the same as PE 203.)

**204. DANCE ENSEMBLE**

**1 semester hour**

A performing group available to members of the dance company and to students interested in any phase of dance production. Membership in the company is open to all students by auditions which are held prior to each semester. May be repeated for credit. Prerequisite: FA/PE 104 or 112 or equivalent dance experience. (FA 204 is the same as PE 204.)

- 211. INTRODUCTION TO FINE ARTS** **3 semester hours**  
A comparative study of major artistic styles and movements using representative examples of painting, sculpture, architecture, music, dance and drama. An introductory course designed to aid the student in discovering the world of art, its uses and purposes, its esthetic values and how an artist communicates to his public.
- 215. INTRODUCTION TO MUSIC LITERATURE** **3 semester hours**  
(Same course as MUS 215. See MUS 215 for description.)
- 218. HISTORY OF JAZZ** **3 semester hours**  
(Same course as MUS 218. See MUS 218 for description.)
- 221. HISTORY OF ART: PRE-HISTORY THROUGH MIDDLE AGES** **3 semester hours**  
(Same course as ART 221. See ART 221 for description.)
- 223. HISTORY OF ART: RENAISSANCE TO THE PRESENT** **3 semester hours**  
(Same course as ART 223. See ART 223 for description.)
- 251. FINE ARTS STUDIES IN ENGLAND** **3 semester hours**  
A study-tour in London with emphasis on theaters and places of literary and cultural importance. Winter Term only.
- 360. INTRODUCTION TO THEATER** **3 semester hours**  
An exploration of the theater as a dynamic art form and how the author, director, actor and designer work together to create the final product. (FA 360 is the same as COM 360.)
- 361. THEATER WORKSHOP** **3 semester hours**  
A practicum in all aspects of drama production. Students accepted by audition with the production director. (FA 361 is the same as COM 361.)
- 365. METHODS AND MATERIALS OF DANCE** **3 semester hours**  
(Same course as PE 365. See PE 365 for description.)
- 366. DANCE CHOREOGRAPHY** **3 semester hours**  
Designed to introduce the student to the art of composition of dance for solo and groups through utilization of craft, time, space, shape, dynamics and design. (FA 366 is the same as PE 366.)
- 367. HISTORY OF DANCE** **3 semester hours**  
A study of the history and philosophy of dance from its primitive beginnings up to the present with emphasis on the areas of ballet, modern, tap, jazz, musical comedy, religious and social dance. (FA 367 is the same as PE 367.)
- 368. HISTORY OF AMERICAN MUSICAL THEATER** **3 semester hours**  
A survey of the development of musical comedy in America from its origins in 1866 to the present. Major works, composers, lyricists, librettists and choreographers are studied. (FA 368 is the same as MUS 368.)

## Foreign Languages

*Chairman, Department of Literature, Languages and Communications:*  
Associate Professor Gill  
*Professor:* C. White  
*Associate Professor:* W. Rich  
*Assistant Professors:* Lunsford, Ornstein, Rodriguez, Wallace-Casey

A minor in Spanish requires 18 semester hours of Spanish courses. At least 6 of the semester hours must be at the 300-400 level.

A minor in Foreign Languages requires 18 semester hours (or the equivalent) of foreign language instruction. At least 12 of the semester hours must be taken in one language. A student may not receive credit for both the



## Spanish and the Foreign Language minors.

**FRENCH 111, 112. ELEMENTARY FRENCH** 3 semester hours each semester  
Introduction to the essentials of French grammar, pronunciation, composition, conversation and civilization.

**FRENCH 211, 212. INTERMEDIATE FRENCH** 3 semester hours each semester  
Systematic review of the fundamentals of French at an intermediate level. Readings are designed to increase vocabulary and promote cultural discussions. Prerequisites: two units of high school French or FRE 111, 112 or equivalent.

**FRENCH 371. SPECIAL TOPICS** 3 semester hours

**GERMAN 111, 112. ELEMENTARY GERMAN** 3 semester hours each semester  
Introduction to the essentials of German grammar, pronunciation, composition, conversation and civilization.

**GERMAN 211, 212. INTERMEDIATE GERMAN** 3 semester hours each semester  
Systematic review of the fundamentals of German at an intermediate level. Readings are designed to increase vocabulary and promote cultural discussions. Prerequisites: two units of high school German or GER 111, 112 or equivalent.

**GERMAN 371. SPECIAL TOPICS** 3 semester hours

**GREEK 111, 112. ELEMENTARY GREEK** 3 semester hours each semester  
Mastery of declensions and conjugations, synopsis of verbs, word analysis, derivation and composition. Offered alternate years.

**GREEK 211, 212. INTERMEDIATE NEW TESTAMENT GREEK** 3 semester hours each semester  
Intermediate Greek grammar with emphasis on readings in the New Testament. Textual problems and methods of interpretation. Offered alternate years. Prerequisite: GRK 112.

**SPANISH 111, 112. ELEMENTARY SPANISH** 3 semester hours each semester  
Essentials of grammar, pronunciation, composition, conversation.

**SPANISH 211, 212. INTERMEDIATE SPANISH** 3 semester hours each semester  
Systematic review of the fundamentals of Spanish, with oral drill, composition, and emphasis on development of reading skills. Prerequisites: two units of high school Spanish or SPN 111, 112 or equivalent.

**SPANISH 371. SPECIAL TOPICS** 3 semester hours

**FOREIGN LANGUAGE 491. INDEPENDENT STUDY** 1-3 semester hours  
Readings and study of selected materials covering specific topics, authors, or periods of foreign literature and civilization under the guidance of a member of the staff.

## Geography

*Chairman, Department of Social Sciences: Associate Professor Watts*  
*Assistant Professor: Cates*

A minor in Geography requires Geography 121, 131, and 12 additional hours chosen from Geography, Biology 201, and Chemistry 103.

**121. PHYSICAL GEOGRAPHY** 3 semester hours  
A study of man's natural environment. Elements studied are weather and climate, water bodies, soils, natural vegetation, wildlife and landforms. Emphasis on interrelations among these environmental elements, their world-wide patterns, man's adaptations to them and impact on them, and maps used to represent them.

**131. WORLD REGIONAL GEOGRAPHY**

**3 semester hours**

A study of the natural environment and human characteristics of the world's major regions. Emphasis on distinguishing characteristics and major problems of each region and on the nature of man's adaptation in each.

**311. GEOGRAPHY OF THE UNITED STATES AND CANADA**

**3 semester hours**

A study of Anglo-America's natural environment, population, and human activities. A description of continental patterns is followed by concentration on the subregions. Offered alternate years.

**321. GEOGRAPHY OF EUROPE**

**3 semester hours**

A study of the environmental and human characteristics of Europe. Continent-wide patterns are studied as well as the subregions and countries which make up Europe. Offered alternate years.

**331. GEOGRAPHY OF NORTH CAROLINA**

**3 semester hours**

North Carolina's natural environment, population, political organization, and economy. State-wide patterns and trends are used to define regions of the state and are placed in the national context.

**341. URBAN GEOGRAPHY AND PLANNING**

**3 semester hours**

The spatial study of urban settlement. The system of cities and their internal land-use and activity patterns, with particular reference to North American developments. The philosophy, methods and types of urban planning. Offered alternate years.

**343. ECONOMIC GEOGRAPHY**

**3 semester hours**

A study of the human and environmental influences on the locations of the different types of economic activity and the resulting spatial patterns. Emphasis on location of agricultural and manufacturing production and the distribution of the various land uses within cities. Offered alternate years.

**471. SEMINAR: SPECIAL TOPICS**

**3 semester hours**

**491. INDEPENDENT STUDY**

**1-3 semester hours**

## History

*Chairman, Department of Social Sciences:* Associate Professor Watts

*Professors:* Delp, Moncure, G. Troxler

*Associate Professors:* Crowe, C. Troxler

*Assistant Professor:* L. Rich

A major in History requires History 111, 112, 211, 212, one seminar course, plus 18 semester hours of electives in History; 3 semester hours from Political Science; plus 9 semester hours on the junior-senior level from the Social Sciences, Literature, Religion, or from any course in Philosophy, Psychology, or Foreign Language.

History majors receiving teacher certification must have Geography 131 and Political Science 231 in addition to the required professional education courses.

A minor in History requires History 111, 112, 211, 212, one seminar, and three elective hours in History. A minor in American History requires History 211, 212, one seminar in American History, and nine elective hours in United States or Latin American History. A minor in European History requires History 111, 112, one seminar in European or English History, and nine elective hours from European, English, and/or Russian History.

**111, 112. HISTORY OF WESTERN CIVILIZATION**

**3 semester hours each semester**

European history from the era of pre-history to the present. The cultural and social development of the various ancient and European cultures is given equal emphasis with the course of events

in political and economic spheres. History 111 covers the period from pre-history to the year 1660; History 112, the years 1660 to the present.

### **211, 212. AMERICAN HISTORY**

**3 semester hours each semester**

American History from the period of discovery and colonization to the present. Emphasis is upon certain fundamental themes in American history and forces that have shaped American life. History 211 covers the period from discovery to 1864; History 212, the years from 1865 to the present.

### **251. HISTORY STUDIES ABROAD**

**3 semester hours**

A specialized study for those participating in abroad programs. Opportunities include England, Russia and China.

### **311, 312. HISTORY OF ENGLAND**

**3 semester hours each semester**

English history from the time of Britain's first contacts with the Roman world to the present. History 311 is a survey of English history to 1603; History 312 covers the period from 1603 to the present. Prerequisites: HST 111, 112 or permission of the instructor.

### **313. LATIN AMERICA: COLONIAL AND EARLY NATIONAL PERIODS**

**3 semester hours**

The Americas south of the Rio Grande from the arrival of Europeans until most of the area established modern political patterns. Major topics include Spanish and Portuguese exploration and settlement, the interaction of Indian and Iberian cultures, the formation of colonial societies, independence movements, and formative social and economic institutions. Prerequisite: HST 111 or 211 or permission of the instructor.

### **314. LATIN AMERICA IN THE TWENTIETH CENTURY**

**3 semester hours**

A regional framework is used to explore social, political, economic and cultural developments in the Americas south of the Rio Grande. Major focus is on the period since 1910 and the social and political tensions of individual nations today. Prerequisite: HST 112 or 212 or permission of the instructor.

### **315. THE HISTORY OF RUSSIA TO 1917: THE IMPERIAL PERIOD**

**3 semester hours**

A survey of Russian history from the founding of the Russian state to the fall of the Romanov dynasty in 1917. Emphasis is placed on the various elements in Russia's past that have molded its historical character. Prerequisites: HST 111 or 112 or permission of the instructor.

### **316. THE HISTORY OF RUSSIA SINCE 1917: THE SOVIET PERIOD**

**3 semester hours**

A detailed study of the personalities and political movements that have been important in Russia since the time of Lenin. The course will strongly emphasize Soviet domestic policies and their impact upon Russia and the world as well as the leadership role the USSR has played in the world communist movement. Prerequisites: HST 112 or permission of the instructor.

### **341. UNITED STATES FOREIGN POLICY TO 1939**

**3 semester hours**

Diplomatic history of the United States from the Revolution to the outbreak of World War II. Emphasis is on the political and constitutional influences on United States foreign relations and the evolution of major policies. Prerequisites: HST 211, 212 or permission of the instructor. (HST 341 is the same as PS 341.)

### **342. UNITED STATES FOREIGN POLICY SINCE 1939**

**3 semester hours**

(Same course as PS 342. See PS 342 for description.)

### **343. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES**

**3 semester hours**

A study of influential trends arising from the experience of the American people in developing a national character. Particular attention is devoted to an analysis of philosophical, economic, literary and educational evolution of the nation from the colonial to the modern period. Prerequisites: HST 211, 212 or permission of the instructor.

### **344. THE SOUTH IN AMERICAN HISTORY**

**3 semester hours**

The civilization of the South from the time the region became conscious of its identity to the present. All phases of life are surveyed, and particular consideration is given to the effects of the Civil War and Reconstruction, significant political trends, development in agriculture and industry, educational and cultural progress, the Negro, World War II, and the South today. Prerequisites: HST 211, 212 or permission of the instructor.

**345. AMERICAN MILITARY HISTORY****3 semester hours**

A course in the military history of the U.S. from 1775 to the present designed to help the student understand the role the military has played in American society. The course includes the military as a social class, as an element of the nation's diplomacy, and the study of military principles, as well as campaigns and battles of major American wars. Prerequisites: HST 211, 212 or permission of the instructor.

**346. NORTH CAROLINA HISTORY****3 semester hours**

The history of North Carolina from the first discoveries of the area to the present.

**348. UNITED STATES SINCE 1933****3 semester hours**

A study of recent American history with emphasis on the political, social and intellectual forces which have shaped American development since the Great Depression. Prerequisite: HST 112 or permission of the instructor.

**353. EUROPE IN TRANSFORMATION, 1100-1600****3 semester hours**

A study of Europe in the High Middle Ages and the Early Modern Period. It examines the development of medieval political, economic and social institutions and the role of the Catholic Church in European society and also the development of the Renaissance and its impact on the Protestant and Catholic Reformations. Prerequisite: HST 111 or permission of the instructor.

**354. EUROPE 1600-1791****3 semester hours**

A study of forces and movements converging in the American, French and Industrial Revolutions. Major topics include the birth of modern science; the religious, social and political conflicts of the 17th century; the divergent growth of absolutism and constitutionalism; colonial rivalries; the Enlightenment; and changing patterns of popular culture. Prerequisite: HST 112 or permission of the instructor.

**355. NINETEENTH CENTURY EUROPE, 1791-1914****3 semester hours**

Political, social, economic and cultural developments with particular attention to the national and international problems, especially development of the principles of nationalism, liberalism, and imperialism along with the growth of modern ideologies. Prerequisite: HST 112 or permission of the instructor.

**357. TWENTIETH CENTURY EUROPE, 1914 TO PRESENT****3 semester hours**

Contemporary global developments with special emphasis on the development and conflicts of democracy and dictatorship, two World Wars, and the problems and background of current history. Prerequisite: HST 112 or permission of the instructor.

**371. SEMINAR: COLONIAL AMERICA****3 semester hours**

A topical approach to Early American History incorporating directed readings, class discussions and written reports. Topics include European exploration and a comparison of Spanish, French and British colonization. Emphasis is on the development of the English North American colonies. Prerequisite: HST 211 or permission of the instructor.

**372. SEMINAR: AMERICAN REVOLUTION, 1763-1789****3 semester hours**

Beginning with colonial resistance to British policy and concluding with the framing of the Constitution, emphasis is given to the philosophical basis of the revolution, military history, political developments, and social and economic trends. Prerequisite: HST 211 or permission of the instructor.

**373. SEMINAR: AMERICAN CIVIL WAR****3 semester hours**

The course begins with an examination of the causes of the Civil War and culminates in a study of the conflict and leaders of the era. Prerequisites: HST 211, 212 or permission of the instructor.

**375. SEMINAR: AMERICAN SOCIAL REFORM****3 semester hours**

A study of primary and secondary sources relating to the movements which have effected social change in the United States from the period of the American Revolution to the present. Temperance, antislavery, communitarianism and minority rights are among the topics explored. Prerequisites: HST 211, 212 or permission of the instructor.

- 377. SEMINAR: ENGLAND IN THE AGE OF HENRY THE EIGHTH** **3 semester hours**  
Topics include the new sovereignty, Crown-Parliament relations, the growth of Protestantism, social change, and commercial expansion. The course begins with the accession of Henry VII in 1485 and ends with the death of Elizabeth I in 1603. Prerequisite: HST 111 or permission of the instructor.
- 379. SEMINAR: SOVIET UNION** **3 semester hours**  
A study of the Soviet Union from 1917 to the present day. Weekly discussion sessions focus on selected topics and readings with emphasis on major historical trends in the Soviet past that relate to current Soviet policies and international relations. Prerequisite: HST 112 or permission of the instructor.
- 471. SEMINAR: SPECIAL TOPICS** **3 semester hours**  
A specialized study of topics or themes in history. Prerequisite: Permission of the instructor.
- 481. INTERNSHIP IN APPLIED HISTORY** **3 semester hours**  
An orientation program to familiarize students with careers in archives, records, historic sites, and museum administration; archaeology, the preservation of historic properties, and historical publications. Includes an orientation program and an internship of 10 hours per week for 10 weeks. Prerequisite: 18 semester hours of history. Offered Spring semester.
- 491. INDEPENDENT STUDY** **3 semester hours**  
Open only to history majors and minors who have junior or senior standing or by permission of the instructor.

## Human Services

*Chairman:* Assistant Professor Higgs  
*Associate Professors:* Brogan, Granowsky  
*Instructor:* Kiser

A major in Human Services requires Human Services 211, 212, 333, 351, 381, 411, 412, 413, 481; Psychology 211, 331, 341, 421; Sociology 111, 211, 311; Mathematics 265; and Philosophy 111 or 115 or Religion 241. Additional requirements are 6 semester hours selected from Human Services 231, 431, 471 (topics approved by the department), History 343, Psychology 332 and 411.

A major in Human Services prepares the graduate to work in society's many social welfare subsystems—health, education, mental health, welfare, family services, corrections, child care, vocational rehabilitation, housing, community service, and the law.

Prior to taking Human Services 381 students must be approved by the Human Services Screening Committee. Applications for the Practicum are available in the office of the Department Chairman. Applications for taking the Practicum in the Summer term must be submitted no later than March 1. Applications for taking the Practicum in the Winter term must be submitted no later than October 1. A minimum grade point average of 2.10 is required to be eligible for Practicum.

All other major requirements must be completed prior to taking Human Services 481. Students who enroll in Human Services 481 may not take any courses other than the prescribed block courses. Applications for taking the Internship in the Fall Semester must be submitted no later than March 1. Applications for taking the Internship in the Spring Semester must be submitted no later than October 1. A minimum grade point average of 2.20 is required to be eligible for the Block courses — Internship sequence.



**211. INTRODUCTION TO HUMAN SERVICES****3 semester hours**

A study of the history and values of the human services profession, the worker-client relationship, and the helping process. Special emphasis is given to the qualities, skills and roles of the human services worker. A minimum of 25 hours of field work in an approved human services setting is required.

**212. METHODS IN HUMAN SERVICES****3 semester hours**

Designed to increase knowledge and skills in interviewing, individual counseling, group work, family work and community organization. A minimum of 30 hours of field work in an approved human services setting is required. Prerequisite: HUS 211.

**231. SOCIAL GROUP WORK****3 semester hours**

Designed to increase knowledge and skills in organizing, analyzing and working with human services groups. Special emphasis is given to group dynamics, group structure and the group worker role. Prerequisite: HUS 211 or SOC 111.

**333. ABNORMAL BEHAVIOR****3 semester hours**

An overview of behavior pathology including an historical perspective of the treatment of individuals and discussion of the etiology, dynamics and modification of abnormal behavior including neuroses, psychoses, psychosomatic disorders, affective disorders, suicide, sexual deviations and sociopathic disorders. Prerequisite: PSY 211. (HUS 333 is the same as PSY 333.)

**351. ADULT DEVELOPMENT****3 semester hours**

An analysis of the general principles of development as they apply to the adult from youth to death. Emphasis is given to five major dimensions of human development (biological, cognitive, affective, social and spiritual) and to their interactions during the period of adulthood. Prerequisite: PSY 211. (HUS 351 is the same as PSY 351.)

**381. PRACTICUM IN HUMAN SERVICES****3 semester hours**

Preliminary field experience. Prerequisites: HUS 211, 212.

**411. ADMINISTRATION, SUPERVISION AND FINANCING OF HUMAN SERVICES AGENCIES****3 semester hours**

Principles and techniques in the administration of human services. Planning, staff selection, budgeting, financing, management, working with boards and volunteer groups. Prerequisites: HUS 211, 212.

**412. PROFESSIONAL COMMUNICATION****3 semester hours**

An in-depth study of interviewing and writing skills which are essential to the human services worker. Prerequisites: HUS 211, 212.

**413. CURRENT ISSUES AND TRENDS IN HUMAN SERVICES****3 semester hours**

Current issues and trends including gerontology, services to the terminally ill and their families, responding to the client with special needs in areas such as sexuality and domestic violence, current legislation, and professional burnout. Prerequisites: HUS 211, 212.

**431. PRINCIPLES OF COUNSELING****3 semester hours**

Counseling techniques for persons who will work in the helping professions. Includes psychodynamics of behavior and the principles of individual and group counseling. Prerequisite: PSY 421.

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours****481. INTERNSHIP****6 semester hours**

This course provides the student with actual experience in a human service agency on a full-time basis for 7-8 weeks.

**491. INDEPENDENT STUDY****1-3 semester hours****Journalism**

The journalism program is listed under Communications.

## Mathematics

*Chairman, Department of Mathematics and Computer Information Science:* Professor Francis

*Associate Professors:* Alexander, Barbee, R. Haworth, W. Hightower

*Assistant Professor:* Speas

*Instructors:* Carpenter, Flake, V. Hightower, D. Williams

A major in Mathematics requires Mathematics 111, 112, 121 (or 161), 221, 222, 241, 311, 312, 321, 425; 9 additional semester hours of Mathematics at the 300-400 level; 3 semester hours of Computer Information Science; and Physics 111, 112.

For the student planning to teach mathematics required courses are Mathematics 111, 112, 121 (or 161), 221, 222, 241, 311, 312, 321, 331, 341, 425; 3 semester hours of Computer Information Science; and Physics 111, 112.

A minor in Mathematics requires Mathematics 111, 112, 121 or 161, 221, 311, and one additional three semester hour course selected from Computer Information Science, Economics 246, or a Mathematics course numbered 200 or above (excluding 261, 262).

A student may exempt Math 111 and/or 112 by demonstrating proficiency.

### **100. INTRODUCTORY ALGEBRA** **3 semester hours (class meets 5 hours a week)**

A course designed to strengthen the fundamental algebraic concepts of exponents, factoring, equation and inequality solving, algebraic fractions, radicals and applications. This course or a demonstrated competence is required of students. This course is not applicable to general studies requirements. No credit is given to students having passed Math 111, or a course for which Math 111 is a prerequisite.

### **111. COLLEGE ALGEBRA** **3 semester hours**

Topics include sets, real numbers, equations, inequalities, exponents, polynomials, rational expressions, relations, functions, and graphs.

### **112. TRIGONOMETRY AND ELEMENTARY FUNCTIONS** **3 semester hours**

A course in basic functions. Topics include the arithmetic of functions; circular, trigonometric, exponential, logarithmic and inverse functions. Prerequisite: MTH 111 or competency.

### **121. CALCULUS AND ANALYTIC GEOMETRY I** **3 semester hours**

Introduction to analytic geometry; functions; limits and derivatives; differentiation of algebraic functions; applications to the derivative. Prerequisite: MTH 111 or competency. Credit will not be given for both MTH 121 and 161.

### **160. TOPICS AND APPLICATIONS OF FINITE MATHEMATICS** **3 semester hours**

Topics covered include progressions, matrices and determinants, linear systems, permutations, combinations, probability, and the binomial expansion.

### **161. A CALCULUS OVERVIEW** **3 semester hours**

A course designed as a service to other departments that desire a non-rigorous introduction to the concepts of function, limit, differentiation, integration and their respective applications. Not recommended for Mathematics majors. Prerequisite: MTH 111 or competency. Credit will not be given for both MTH 121 and 161.

### **221. CALCULUS AND ANALYTIC GEOMETRY II** **3 semester hours**

The conic sections and other algebraic curves; the definite integral; the definite integral as a limit of a sum; differentiation of transcendental functions. Prerequisites: MTH 112 and 121 (or 161).

### **222. CALCULUS AND ANALYTIC GEOMETRY III** **3 semester hours**

Formal integration; further applications; the mean value theorem and related topics; parametric equations, polar coordinates, and applications. Prerequisite: MTH 221.

**241. MATHEMATICAL LOGIC****3 semester hours**

An introduction to symbolic logic and axiomatics. Prerequisite: MTH 111 or permission of department.

**261, 262. MATHEMATICS FOR THE  
ELEMENTARY TEACHER****3 semester hours each semester**

A content course in mathematics open only to those students majoring in elementary education. Topics considered include: the nature of numbers, elementary logic; properties of the real number system and its subsystems, including the number line, number bases, modular arithmetic, and other topics from number theory; basic concepts of algebra, including the concepts of relation and function; informal geometry; applications. Prerequisite to MTH 262 is MTH 261.

**265. ELEMENTARY STATISTICS****3 semester hours**

A course in elementary statistics for students needing a general overview of modern statistics. Topics include organization of data, probability, measures of central tendency and variability, binomial and normal distributions, sampling, tests of hypothesis, estimation, correlation, regression and chi-square. Prerequisites: MTH 111 or demonstrated competency. Credit will not be given for both MTH 265 and ECO 246.

**311. LINEAR ALGEBRA****3 semester hours**

An introductory course in linear algebra covering the following topics: vectors, vector spaces, matrices, determinants, systems of linear equations, and linear transformations. Prerequisite: MTH 121.

**312. MODERN ALGEBRA****3 semester hours**

An introductory course in abstract algebra covering major elementary aspects of the subject; properties of the integers, congruence, the real and complex number systems, integral domains, rings, fields, groups and polynomials. Prerequisites: MTH 241, 311.

**315. NUMERICAL ANALYSIS****3 semester hours**

(Same course as CIS 315. See CIS 315 for description.)

**321. CALCULUS AND ANALYTIC GEOMETRY IV****3 semester hours**

Infinite series; solid analytic geometry; partial differentiation; multiple integration. Prerequisite: MTH 222.

**331. MODERN GEOMETRY****3 semester hours**

A rigorous treatment of the axiomatic foundations of Euclidean geometry through Hilbert's axioms; the role and independence of the parallel postulate, revealed through models and neutral geometry; historical and philosophical implications of the discovery of non-Euclidean geometry with an introduction to both hyperbolic and elliptic geometry. Prerequisite: MTH 221.

**341. PROBABILITY THEORY AND STATISTICS****3 semester hours**

Sample space, combinations, random variables, distributions, central limit theorem. Prerequisite: MTH 221.

**351. DISCRETE STRUCTURES****3 semester hours**

(Same course as CIS 351. See CIS 351 for description.)

**421. DIFFERENTIAL EQUATIONS****3 semester hours**

Methods of solving and applications of ordinary differential equations. Prerequisite: MTH 222.

**425, 426. ANALYSIS****3 semester hours each semester**

A rigorous study of the real numbers, sequences, series, limits, continuity, differentiation and integration. Prerequisites: MTH 312, 321 or permission of department.

**471. SEMINAR: SPECIAL TOPICS****3 semester hours**

Topics selected to meet the needs and interests of the student. Open to senior mathematics majors and others by permission of the Department of Mathematics. Winter term only.

**491. INDEPENDENT STUDY****1-3 semester hours**

Open to students at all levels. Prerequisite: Permission of the mathematics staff. May be repeated with different topics. Maximum total credit, 8 semester hours.

## Medical Laboratory Technician

*Chairman, Department of Biology and Allied Health:* Associate Professor H. House

*Program Director:* Assistant Professor Scott

*Adjunct Associate Professor and Medical Director:* Powell

*Adjunct Assistant Professors:* Flora, Geyer, Knesel

*Education Coordinator:* Instructor Thornton

The medical laboratory technician as defined by the American Society of Clinical Pathologists is one who has completed two years of college-level work, including science courses; or who has an equivalent education; who is able to perform general laboratory procedures; and who requires a limited amount of supervision by a physician or a medical technologist. The Medical Laboratory Technician Program is offered in cooperation with Roche Bio-medical Laboratories, Inc., of Burlington and is accredited by CAHEA of the American Medical Association. Graduates of the program are eligible for national certification examinations.

The Associate in Science degree in Medical Laboratory Technician requires 66 semester hours as follows: Medical Laboratory Technician 111, 112, 221, 222, 223, 226, 231, 251, 281, 282, 283, 284, 285; Chemistry 111; Biology 265; and Computer Information Science 101. Students must also take the following General Studies courses: English 111, 112; Mathematics 111 or higher; Physical Education 160.

Admission to the Medical Laboratory Technician Program is selective because of the limited number of positions. A separate application is required, and information is available from the Admissions Office or the MLT Office.

Graduates of the MLT Program may elect to complete a B.S. degree which includes additional requirements: two courses chosen from Biology 311, 312, 321, 322, 341, 345, and 425; Mathematics 112; Physics 111 or 112; Chemistry 211-212; and hours to meet the General Studies requirements to total a minimum of 126 semester hours. Students should note that Biology 111 and Chemistry 112 are prerequisites to some of the required courses. Graduates planning to take a higher certification should strongly consider taking Biology 321. Students desiring a minor in Biology must take two additional Biology electives from the above list.

### **111-112. INTRODUCTION TO CLINICAL LABORATORY I & II** **4 and 2 semester hours**

An orientation to Medical Laboratory Technology emphasizing the role of the medical laboratory technician in the health care delivery system, medical terminology, basic laboratory techniques, laboratory mathematics, and modern instrumentation. Also an introduction to Clinical Microbiology, Urinalysis, Clinical Chemistry, Hematology, and Immunology are included. A continuous course which must be completed for credit toward a degree. Includes both class and laboratory hours.

### **221. HEMATOLOGY**

**4 semester hours**

The study of the formation, composition, and functions of blood cells. Study of coagulation and blood disorders with emphasis on manual and automated hematological procedures. Prerequisites: CHM 111, MLT 111-112. Corequisite: BIO 265.

### **223. IMMUNOHEMATOLOGY**

**4 semester hours**

Basic principles of blood banking, immunology, and serology. Includes antigen-antibody reactions as they apply to preparation of blood for transfusion and identification of antibodies due to disease. Prerequisites: CHM 111, BIO 265, MLT 111-112.

**226. URINALYSIS****2 semester hours**

The study of the physical, chemical, and microscopic properties of urine and its relation to the functions of the organ systems. Prerequisites: CHM 111, BIO 265, MLT 111-112.

**231. CLINICAL CHEMISTRY****5 semester hours**

Introduction to basic clinical laboratory chemistry and instrumentation. Analysis of blood and other body fluid for chemical constituents, procedure principles, normal values, testing procedures and basic lab techniques, introduction to quality control, preparation of solutions, and review of laboratory mathematics. Prerequisites: CHM 111, BIO 265, MLT 111-112.

**251. CLINICAL COMPREHENSIVE****1 semester hour**

A comprehensive review of concepts in MLT practice, MLT theory, and MLT problem solving. Topics covered are those that frequently occur on the national certification examinations. Prerequisites: CHM 111, BIO 265, and all required MLT courses (academic and practical).

**281. URINALYSIS PRACTICUM****2 semester hours**

Practical application of knowledge and skills learned in MLT 226 in a clinical environment in order to develop a laboratory worker who can function in performing routine urinalysis procedures with minimal supervision and utilizing appropriate quality control and safety practices. Primarily will use manual with limited automated techniques. Prerequisites: CHM 111, BIO 265, all MLT academic courses.

**282. MICROBIOLOGY PRACTICUM****4 semester hours**

Practical application of knowledge and skills learned in MLT 222 in a clinical environment using manual and limited automated techniques in order to develop a laboratory worker who can function in performing routine microbiological procedures with minimal supervision and utilizing appropriate quality control and safety practices. Prerequisites: CHM 111, BIO 265, and all MLT academic courses.

**283. HEMATOLOGY PRACTICUM****4 semester hours**

Practical application of knowledge and skills learned in MLT 221 in a clinical environment using manual and automated techniques in order to develop a laboratory worker who can function in performing routine hematological procedures with minimal supervision and utilizing appropriate quality control and safety practices. Prerequisites: CHM 111, BIO 265, and all MLT academic courses.

**284. IMMUNOHEMATOLOGY PRACTICUM****5 semester hours**

Practical application of knowledge and skills learned in MLT 223 in a clinical environment using manual and limited automated techniques in order to develop a laboratory worker who can function in performing routine blood banking, serological, and immunological procedures with minimal supervision and utilizing appropriate quality control and safety practices. Prerequisites: CHM 111, BIO 265, and all MLT academic courses.

**285. CLINICAL CHEMISTRY PRACTICUM****5 semester hours**

Practical application of knowledge and skills learned in MLT 231 in a clinical environment using manual and automated techniques in order to develop a laboratory worker who can function in preparing solutions, performing routine mathematical operations, and performing routine chemical procedures with minimal supervision and utilizing appropriate quality control and safety practices. Prerequisites: CHM 111, BIO 265, and all MLT academic courses.

## **Military Science**

*Chairman, Department of Military Science:* Assistant Professor McCarther

*Assistant Professors:* Joyce, Webber

*Instructors:* J. Jackson, Wilson

Elon College, in a cooperative agreement with North Carolina A & T State University, offers an Army Reserve Officers Training (ROTC) program.

The Army Reserve Officers Training Corps Program provides a viable elective program for both male and female students. It is divided into a basic course and an advanced course which are normally completed during a four



year period. However, it is possible for veterans and other students who elect to undergo special training to complete the program in two years.

*Programs of Instruction:* Programs of instruction for the Army ROTC include a four-year program and a two-year program. The four-year program consists of a two-year basic course, a two-year advanced course and the advanced ROTC Summer Camp. The two-year program encompasses a basic ROTC Summer Camp, a two-year advanced course and the advanced ROTC Summer Camp.

*Basic Course.* The basic course is normally taken during the freshman and sophomore years. The purpose of this instruction is to introduce the student to basic military subjects: Branches of the Army; familiarization with basic weapons; equipment and techniques; military organization and functions; and the techniques of leadership and command. It is from the students who successfully complete this instruction that the best qualified are selected for the advanced course which leads to an officer's commission. Credit for the basic course can be obtained by successful completion of Military Science 111, 112, 141, 142, 211, 212, 241, and 242. History 345 may be substituted for Military Science 211 or 212. Successful completion of Military Science 251, or prior service in the Armed Forces, can be used to obtain appropriate credit for the basic course.

*Advanced Course:* Students who receive appropriate credit for the basic course and meet eligibility standards are admitted to the advanced course on a best qualified basis. Successful completion of the advanced course qualifies the student for a commission as a Second Lieutenant in one of the branches of the United States Army. The following courses are required for completion of the advanced course: Military Science 311, 312, 341, 342, 351, 411, 412, 441, and 442.

*Two-Year Program:* This program is designed for junior college students or sophomores at four-year institutions who have not taken ROTC. A basic six-week summer training period after the sophomore year takes the place of the basic course required of students in the traditional four-year program. When a student with two years of college has successfully completed the basic summer training, he is eligible for the advanced ROTC course in his junior and senior years. The advanced course, which leads to an officer commission, is the same for students in either the four-year program or the two-year program.

#### **111. INTRODUCTION OF CITIZEN/SOLDIER**

**1 semester hour**

An introduction to the mission, organization, and history of ROTC; military and civilian obligations in relation to National Security; individual arms and marksmanship techniques; emergency medical treatment.

#### **112. INTRODUCTION TO UNITED STATES MILITARY FORCES IN SUPPORT OF NATIONAL DEFENSE**

**1 semester hour**

A discussion of the mission and responsibilities of the United States Military Forces in support of national security with emphasis on the role of the individual participating citizen.

#### **141, 142. LEADERSHIP LABORATORY**

**1 semester hour each semester**

Military courtesy and customs of the service, drill experience, development of initiative and self-confidence.

#### **211. BRANCHES OF THE ARMY AND LEADERSHIP PRINCIPLES**

**1 semester hour**

An orientation on each branch of the Army to acquaint students with the job areas available to the ROTC graduate. Additionally an appreciation is developed for the applicability of leadership principles, traits, and techniques in all job areas.

**212. MAP READING SKILL DEVELOPMENT**

**1 semester hour**

A detailed study of orienteering to include basic fundamentals of map reading, grid systems, scale and distance, elevation and relief, military symbols, direction and location, and utilization of the declination diagram.

**241, 242. LEADERSHIP LABORATORY**

**1 semester hour each semester**

Emphasizes the functions, responsibilities, and duties of junior non-commissioned officers with particular attention devoted to the continued development of leadership potential.

**251. ARMY ROTC BASIC CAMP**

**4 semester hours**

Six weeks of training at Fort Knox, Kentucky. Training consists of Army History, Role and Mission, Map Reading/Land Navigation, Rifle Marksmanship, Basic Leadership Techniques, Physical Training/Marches, Individual and Unit Tactics, Communications, First Aid, Drill, Parades and Ceremonies, Military Courtesy, and Traditions. This course also teaches the student to think and perform under pressure and can be taken by rising juniors to substitute for 111, 112, 141, 142, 211, 212, 241, and 242. Prerequisite: Pass qualification tests.

**311. INTRODUCTION TO MILITARY TEAM THEORY**

**2 semester hours**

Fundamentals of offensive and defensive tactics. Introduction to small unit communication systems. Internal defense operations. The role of each branch of the Army.

**312. LEADERSHIP TRAINING**

**2 semester hours**

Special emphasis on the psychological, physiological and sociological factors which affect human behavior. Military teaching principles and how they affect the student. Presummer camp training.

**341, 342. LEADERSHIP LABORATORY**

**1 semester hour each semester**

Designed to develop further leadership potential by encouraging participation in planning and conducting drills and ceremonies with emphasis directed to the functions, duties, and responsibilities of senior non-commissioned officers and junior grade commissioned officers.

**351. ARMY ROTC ADVANCED CAMP**

**4 semester hours**

Normally taken the summer following junior year. The training is conducted at designated United States Army installations. This training provides cadets with practical experience in leadership, military training, small unit tactics, weapons qualifications, and communications. This internship is six weeks duration and can be substituted by attendance to Ranger School by qualified students. Prerequisite: MS 312.

**411. SEMINARS IN LEADERSHIP AND PROFESSIONAL DEVELOPMENT**

**2 semester hours**

The relationship between commander and staff; utilization and employment of military intelligence principles; introduction to unit management and administration, introduction to military law; seminar on service life and career planning for commissioned officers.

**412. ADVANCED MILITARY TEAM THEORY AND ACTIVE DUTY ORIENTATION**

**2 semester hours**

A study of world change and military implications. A detailed study of Army and special type units. Introduction to various Army installations within the United States and abroad.

**441, 442. LEADERSHIP LABORATORY**

**1 semester hour each semester**

Emphasizes the function, duties and responsibilities of junior Army officers with special attention directed to developing advanced leadership potential through active participation in planning and conducting military drill and ceremonies.

**451. AIRBORNE TRAINING**

**3 semester hours**

Three weeks of intensive airborne training to include physical conditioning, landing techniques, parachute safety, simulated jumps, procedures in and around aircraft, and five combat jumps from Air Force aircraft flying at 1250 feet. Prerequisite: Selection for this training is highly competitive. Only a few cadets, nationwide, are accepted.

## Music

*Chairman, Department of Fine Arts:* Associate Professor Burnham

*Professors:* Artley, Westafer, J. White

*Associate Professor:* Bragg

*Assistant Professors:* Cofield, Glenn

*Part-time Instructors:* Andrews, Belk, Jacobson, King, P. Sullivan

### **Requirements for the Major in Music**

A major in Music for the A.B. degree requires Music 111, 112, 113, 114, 211, 212, 213, 214, 215, 311, 312, 313, 314, 315, 316, 411 or 412, 8 semesters of applied study, 8 semesters of ensemble (choirs, bands, orchestra), aural and keyboard proficiency and concert attendance as required each semester. Applied music requirements are met when the student has completed 8 semesters of study in his major performance medium and has presented a formal solo recital which is accepted by the music faculty. In exceptional cases, a diploma for outstanding performance may be earned in any area of applied music.

### **Requirements for the Major in General Music**

A major in General Music for the A.B. degree has the same courses, ensemble, aural/keyboard proficiencies and concert attendance requirements as the major in Music. A formal solo recital is not required; however, the student must show, through performance, attainment of at least a 300-level in his performing medium.

### **Requirements for the Major in Music Education**

Candidates for state certification for teaching music in the public schools should enroll in the program leading to a B.S. degree in Music Education. This program requires Music 111, 112, 113, 114, 211, 212, 213, 214, 215, 313, 314, 315, 316, 361, 362, 363, 364, 365, 366, 367, 411, 461, 462, 7 semesters of applied study, 9 semester hours of ensemble (choirs, bands, orchestra; at least 2 hours in band or orchestra and 2 hours in choirs), aural and keyboard proficiency and concert attendance as required each semester. Applied music requirements are met when the student has completed 7 semesters of study in his major performance medium and has presented a half-recital which is accepted by the music faculty.

Candidates for state certification who also meet requirements for the A.B. degree in Music will be awarded the B.S. degree in Music and Music Education.

### **General Regulations**

All music majors must pass their aural and keyboard proficiencies by the end of their sophomore years. If the examinations should be failed at that time, the latest time they may be re-taken is during the first semester of the junior year. If the proficiency examinations are not passed at that time, it will be necessary for the student to change majors.

All students must appear in student recitals and musical programs as assigned and at the discretion of their instructors or directors.

Because of the lock-step nature of the music major, it is necessary for the new student to begin the major program immediately to avoid additional semesters in order to complete the degree requirements. Majors in Music Education will find, in many cases, it necessary to enroll for one or two summer sessions, or a ninth semester, in order to complete the requirements for certification and the music degree.

## Requirements for the Music Minor

A minor in Music requires Music 111, 112, 113, 114, 215, 8 semester hours in one medium of applied music instruction, 4 semester hours in ensemble (any combination of Music 101, 102, 103) and a minimum of 5 semesters of concert attendance. Students lacking functional knowledge of keyboard must accumulate 2 semester hours in piano either prior to, or simultaneously with, their enrollment in Music 111, 112, 113, 114.

## Applied Music — Individual Instruction

Music majors and minors register for the appropriate level and area of applied music study as determined by audition and consultation with their advisor or the Chairman. With permission of the Chairman of the Department of Fine Arts, the general college student may register for any course in applied music. One semester hour credit may be earned for a thirty-minute lesson per week. Two semester hours credit may be earned for a sixty-minute lesson per week.

### Piano:

120, 121, 220, 221, 320, 321, 420, 421

### Voice:

122, 123, 222, 223, 322, 323, 422, 423

### Organ:

124, 125, 224, 225, 324, 325, 424, 425

### Brass Instruments:

#### Trumpet:

126, 127, 226, 227, 326, 327, 426, 427

#### French Horn:

128, 129, 228, 229, 328, 329, 428, 429

#### Trombone:

130, 131, 230, 231, 330, 331, 430, 431

#### Baritone or Tuba:

132, 133, 232, 233, 332, 333, 432, 433

### Woodwind Instruments:

#### Flute:

134, 135, 234, 235, 334, 335, 434, 435

### Clarinet:

136, 137, 236, 237, 336, 337, 436, 437

### Saxophone:

138, 139, 238, 239, 338, 339, 438, 439

### Oboe or Bassoon:

140, 141, 240, 241, 340, 341, 440, 441

### String Instruments:

#### Violin or Guitar:

142, 143, 242, 243, 342, 343, 442, 443

#### Viola:

144, 145, 244, 245, 344, 345, 444, 445

#### Cello:

146, 147, 246, 247, 346, 347, 446, 447

#### String Bass:

148, 149, 248, 249, 348, 349, 448, 449

### Percussion:

150, 151, 250, 251, 350, 351, 450, 451

## Applied Music Classes — Group Instruction

152, 153. VOICE CLASS (non-voice majors)	1 semester hour each semester
154. PIANO CLASS (non-music major — beginner)	1 semester hour
155. PIANO CLASS (non-music major — intermediate)	1 semester hour
156. PIANO CLASS (music major — beginner)	1 semester hour
157. PIANO CLASS (music major — intermediate)	1 semester hour
158, 159. DICTION FOR SINGERS (voice majors only)	1 semester hour each semester

## Music Materials, Structures and Techniques

### 111, 112. THE MATERIALS OF MUSIC I & II

3 semester hours each semester

A study of the fundamentals of music, diatonic harmony and elementary voice-leading and part-writing, introduction to harmonic-melodic form, analysis and synthesis of harmonic practices through the dominant seventh and its inversions.

### 113, 114. MUSIC SKILLS LAB I & II

1 semester hour each semester

Melodic-harmonic-rhythmic dictation, sight singing and keyboard study. Designed to be taken in conjunction with Music 111, 112.

### 211, 212. THE MATERIALS OF MUSIC III & IV

3 semester hours each semester

A continuation of Music 111, 112 on a more advanced level including secondary seventh chords and chromatic harmony. Prerequisites: MUS 112, 114.

### 213, 214. MUSIC SKILLS LAB III & IV

1 semester hour each semester

Designed to be taken in conjunction with Music 211, 212.

### 311. COUNTERPOINT I

2 semester hours

Renaissance counterpoint in two, three and four parts, with application to various types of vocal and instrumental writing. Analysis of polyphonic compositions. Prerequisites: MUS 212, 214.

### 312. COUNTERPOINT II

2 semester hours

Baroque counterpoint in two, three and four parts, with application to various types of vocal and instrumental writing. Analysis of contrapuntal compositions. Prerequisite: MUS 311.

### 313, 314. FORM AND ANALYSIS

2 semester hours each semester

Acquaints the student with the standard forms of tonal music through the aural and visual study of micro and macro forms in scores of representative works. Prerequisites: MUS 212, 214.

### 411. INSTRUMENTAL AND CHORAL ARRANGING

2 semester hours

Exploration of the technical possibilities and limitations of individual instruments and voices; arranging and transcribing for various groups and combinations of instruments and voices. Prerequisites: MUS 212, 214.

### 412. COMPOSITION

2 semester hours

Designed to explore the various approaches to composition in the 20th century, tonal as well as atonal, through analysis and synthesis in writing exercises. Attention is given primarily to composition in the small forms with emphasis upon statement and development within these forms. Prerequisites: MUS 314, 411.

## Literature and History

### 215. INTRODUCTION TO MUSIC LITERATURE

3 semester hours

Designed as an overview of the major periods of music, representative composers and their works through readings, lectures and listening. The course is offered for the general student who wishes to learn more about music and musicians, and it also serves the new music major as an early general survey of the literature. Open to the general student, and required of music majors in their first semester. (MUS 215 is the same as FA 215.)

### 218. HISTORY OF JAZZ

3 semester hours

A study of the people, times and development of the jazz entertainment form by examining the musical derivatives of jazz and the elements which comprise the individual styles as they have evolved since 1895. (MUS 218 is the same as FA 218.)

### 315, 316. HISTORY OF MUSICAL STYLES AND STRUCTURES

3 semester hours each semester

A survey of the traditions, technical elements, composers and prime movers in the changing styles of western music from ancient Greece to the present. Prerequisites: MUS 212, 214.

### 368. HISTORY OF AMERICAN MUSICAL THEATER

3 semester hours

(Same course as FA 368. See FA 368 for description.)



## Music Education

### 261. MUSIC IN THE ELEMENTARY SCHOOL

3 semester hours

A study for the prospective classroom teacher of musical activities and experiences appropriate for children in the elementary school, with consideration of methods, materials and curriculum problems.

The following Methods courses are required of all music majors seeking certification for the teaching of music in the public schools:

### 361. PERCUSSION METHODS

1 semester hour

### 362. BRASS METHODS

1 semester hour

### 363. WOODWIND METHODS

1 semester hour

### 364. CHORAL METHODS

1 semester hour

### 365. STRING METHODS

1 semester hour

### 366-367. CONDUCTING

1 semester hour each semester

Development of skill in baton techniques, rehearsal techniques and interpretation in training and leading ensembles of instruments and voices. Prerequisites: MUS 212, 214.

### 461-462. MUSIC EDUCATION IN THE PUBLIC SCHOOL

3 semester hours each semester

A study of methods and materials suitable for the elementary, middle and senior school levels. Prerequisites: MUS 212, 214.

## Ensembles

### 101. BAND (open to all students)

1 semester hour

### 102. CHOIR (open to all students)

1 semester hour

### 103. ORCHESTRA (open to all students)

1 semester hour

### 104. JAZZ ENSEMBLE (by audition)

1 semester hour

### 105. CHAMBER SINGERS (by audition)

1 semester hour

### 106. CHAMBER ENSEMBLE (by audition)

1 semester hour

## Other Offerings

### 251. MUSIC STUDIES IN ENGLAND

3 semester hours

A study-tour of England with emphasis on theaters, concerts and places of cultural importance. Winter Term only.

### 471. SEMINAR: SPECIAL TOPICS

1-3 semester hours

Small group study under the guidance of a member of the staff.

### 481. PRACTICUM IN MUSIC THEATER

1-3 semester hours

A practicum in all aspects of musical theater production. Students accepted by audition with the production director.

### 491. INDEPENDENT STUDY

1-3 semester hours

### 571. INSTRUMENTAL METHODS FOR BAND DIRECTORS

2 semester hours

Offered each summer in conjunction with the College Brass Clinic for junior and senior high school students. Concentrated study in instrumental techniques and the performance of solo and ensemble music under the direction of nationally known technicians. Enrollment limited to junior and senior high school band directors desiring certification renewal credit.

## Office Administration

*Chairman, Department of Business Administration, Accounting and Office Administration:* Professor Marr

*Associate Professor:* Council

*Assistant Professor:* Weavil

A four-year major in Office Administration requires Office Administration 111, 112, 113, 114, 302, 311, 321; Business Administration 111, 311, 321, 323, 325, 328; Accounting 211, 212; Economics 211, 212; Computer Information Science 111; plus 3 additional semester hours at the 300-400 level chosen from Office Administration, Business Administration, Accounting, Economics, or Computer Information Science.

The requirements for the Associate in Arts degree in Office Administration are: Office Administration 111, 112, 113, 114, 302, 311, 321; Business Administration 111, 321, 323; English 111, 112; Mathematics 111; Computer Information Science 111; Accounting 211, 212; Economics 211; Physical Education 160; plus electives to reach a minimum of 63 semester hours.

In both the four-year program and the Associate program a student having prior preparation equivalent to Office Administration 111, 112, 113 and/or 114 may substitute electives for these courses by demonstrating proficiency.

Students who desire teacher certification in Business Education must complete the education and psychology requirements for the secondary school as listed in the Education section of the catalog. Students desiring certification in Basic Business may substitute accounting and business administration courses for shorthand courses with approval of the departmental faculty and the Dean of Academic Affairs.

A minor in Office Administration requires Office Administration 111, 112, 113, 114, 311, 302 or 321; and Business Administration 323.

### 111. TYPING I

3 semester hours

Designed to develop basic skills in the operation of a typewriter. Course emphasizes the typing of letters, tabulations, office forms, manuscripts. Five class hours per week.

### 112. TYPING II

3 semester hours

Emphasis upon reinforcement of basic skills with continued development of speed and accuracy. Students prepare finished letters, forms, reports, manuscripts, and tabulations. Five class hours per week.

### 113. SHORTHAND I

3 semester hours

Designed to develop an understanding of the basic theory of Gregg Shorthand, together with the development of an extensive vocabulary for reading and writing shorthand. Goals are to build speed in taking dictation and to produce accurate transcriptions. Five class hours per week.

### 114. SHORTHAND II

3 semester hours

A review of fundamental principles and techniques, with concentration upon improving performance in taking dictation and transcribing copy. Emphasis is upon the production of finished transcripts. Five class hours per week.

### 302. BUSINESS COMMUNICATIONS

3 semester hours

Study of the theory and principles of good oral and written communications. Provides instruction and practice in writing business reports, letters, and memoranda. Emphasis is on clarity, conciseness, and organization in both written and oral expression. (OA 302 is the same as BA 302.)

**311. INFORMATION PROCESSING AND MANAGEMENT** **3 semester hours**

Designed to enable students to understand and apply the techniques and procedures involved in creating, processing, retaining, and distributing information. Topics include machine communication/transcription procedures, records management, reprographics, micrographics, and word processing. Prerequisites: OA 111 and CIS 111 (or permission of the instructor.)

**321. ADMINISTRATIVE OFFICE MANAGEMENT** **3 semester hours**

Study of the critical issues facing administrative office managers in a constantly changing technological environment. Topics include principles of administrative office management, managing human resources, managing administrative services, and controlling administrative operations.

**331. LEGAL OFFICE PROCEDURES** **3 semester hours**

Designed to prepare office managers and secretaries for special skills, techniques and understandings needed in a legal office; covers legal terminology, law office ethics, legal procedures, and preparation of legal papers and court documents.

**332. MEDICAL OFFICE PROCEDURES** **3 semester hours**

Designed to prepare office managers and secretaries for special skills, techniques and understandings needed in a physician's office or a hospital; covers medical terminology, office ethics, and maintenance of records and accounts.

**481. INTERNSHIP IN OFFICE ADMINISTRATION** **1-3 semester hours**

## Philosophy

*Chairman:* Assistant Professor Waller  
*Professor:* Sullivan

A major in Philosophy requires Philosophy 111, 113, 115, two courses from Philosophy 341, 342, 343, 352, 355; four courses from Philosophy 331, 332, 333, 431, 432; Psychology 211, and 6 semester hours in French, Greek, German or Spanish. The Philosophy program is designed to allow and encourage a major to gain a career-related minor or even a double major.

A minor in Philosophy requires Philosophy 111, 113 and 115, plus 9 semester hours of additional Philosophy courses.

**111. INTRODUCTION TO PHILOSOPHY** **3 semester hours**

Introduces student to the philosophical approach to an understanding of his world and the basic issues of human experience. Examines and formulates specific contemporary problems and analyzes them in terms of the concepts and approaches of such major philosophers as Plato, Aristotle, Aquinas, Locke, Hume, Kant, and Marx.

**113. LOGIC** **3 semester hours**

A practical course in the art of thinking based upon an examination of the different types of reasoning and the requirements of logical consistency. What is the nature of inference and evidence? How do various disciplines employ logic? Exercises are given in the application of logical analysis to various kinds of argumentative discourse and to the avoidance of fallacies.

**115. ETHICS** **3 semester hours**

A critical study of the principles of morality based upon the classical system of ethics. Application of these principles to specific solutions in which moral choices are made by individuals and policy-making bodies.

**331. ANCIENT PHILOSOPHY** **3 semester hours**

A study of the beginning of Western philosophy with concentration on the Golden Age of Greece. Focus is on Socrates, his predecessors, and his great successors, Plato and Aristotle. The thought of this period is foundational for literature and law, education and politics, theology and history.

**332. MEDIEVAL PHILOSOPHY****3 semester hours**

Designed to aid the student enter into the world view of the period 400-1400 A.D. Includes an exploration of the medieval sense of hierarchy as evidenced in the doctrine of the Great Chain of Being. Special focus is placed on (1) how Augustine adapted Plato, (2) how Aquinas came to terms with Aristotle, and (3) how these two important strands receive a poetic synthesis in Dante's *Divine Comedy*.

**333. MODERN PHILOSOPHY****3 semester hours**

Focus on the four crucial centuries (1500-1900) during which the modern Western world view developed. Specific attention given to developments in philosophical method, theory of knowledge and political philosophy. Major English and Continental thinkers such as Descartes, Locke, Hume, Kant, Hegel and Mill are studied.

**341. PHILOSOPHY OF LAW****3 semester hours**

A basic examination of the nature, function and limits of law. Attention is given to: human rights and natural justice, law and morality, theories of punishment, and questions of legal responsibility. The course is of particular interest to students of business and political science.

**342. PHILOSOPHY AND SOCIETY****3 semester hours**

A philosophical approach to the nature of society, looking toward the 21st Century. Attention is given to the nature of the person; the relation of the person to social institutions; and the problems which arise in scientific methods when man himself is the object of investigation.

**343. AGES AND STAGES OF LIFE****3 semester hours**

A critical study of how fundamental life issues are understood and coped with at different points in a person's life history. The course utilizes theories from the Piagetian and psychoanalytic traditions, examines underlying notions of maturity, and seeks ways to integrate the intellectual, emotional, moral and spiritual dimensions of growth.

**352. EASTERN PHILOSOPHY****3 semester hours**

Part I centers on ancient China and explores the *I Ching* as well as the thought of Lao Tzu and Confucius. Part II examines the insights of the Buddha and follows the Mahayana strand of Buddhism as it enters China and becomes Zen. Part III presents the spirit of Zen and its influences on the arts and culture of Japan.

**355. PHILOSOPHICAL PROBLEMS OF RELIGION****3 semester hours**

A discussion of the basic problems of thought which arise from confronting the beliefs and experiences of religious persons. What are the distinguishing characteristics of religion? Can religious feelings and insights be expressed in common language? By what criteria can conflicting religious beliefs be judged? Of what value are the classical arguments for the existence of God? What support is there for the belief in immortality? (PHL 355 is the same as REL 355.)

**431. CONTEMPORARY PHILOSOPHY****3 semester hours**

Designed to acquaint students with currents of philosophical thought in the twentieth century and to develop the skills of inquiry appropriate to these areas. Part I examines British analytical philosophy and considers figures such as Russell, Wittgenstein, Ayer and Austin. Part II focuses on Existentialism and considers figures such as Sartre, Camus, Heidegger and Buber.

**432. AMERICAN PHILOSOPHY****3 semester hours**

An examination of the development of the American mentality from the colonial period to the present. Special attention is given to Edwards, Emerson, Dewey and Skinner as representative figures in the development of American culture. The course is of special interest to students of literature and history.

**471. SEMINAR: SPECIAL TOPICS****3 semester hours****491. INDEPENDENT STUDY****1-3 semester hours**

## Physical Education and Health

*Chairman, Department of Health, Physical Education and Recreation:*  
Associate Professor Brown

*Professor:* A. White

*Associate Professor:* Kelly

*Assistant Professors:* W. Anderson, Beedle, Gaskill, M. Jackson, Morningstar

*Instructors:* Baker, Ballard, K. Carden, L. Carden, Griffin, VanDam

*Part-time Instructors:* Gray, Wellford

A major in Physical Education requires Physical Education 161 or 162, 211, 221, 261 or 262, 321, 411, 422, Biology 265, plus completion of at least one of the following three emphasis components:

- (1) Teacher certification for Physical Education requires Physical Education 120, 161 or 162 (one not taken in Core), 261 or 262 (one not taken in Core), 310, 360, 363, 365; one course from Physical Education 372, 373, 374, 377, 378; Physical Education 410 and 423.

Students who desire teacher certification in the area of Health Education in addition to Physical Education teacher certification must complete the following requirements: Physical Education 120, 410, 423; Biology 201; Psychology 332; and Sociology 211.

- (2) Community Recreation requires Recreation 211, 322, 323, 424, 425, 481 (6 semester hours); Business Administration 302; Communications 210; and Physical Education 310. Recreation courses are listed under a separate heading in this catalog.

- (3) Commercial Leisure and Sports Management requires Accounting 211, 212; Business Administration 302, 311, 323; Economics 212; Recreation 424; Physical Education 109 and 310. Recommended electives include Business Administration 312 or 316 and Recreation 481.

A minor in Physical Education with a coaching concentration requires Physical Education 211, 221, 310, 410; two courses from Physical Education 372, 373, 374, 377, 378; and Physical Education 471 (Seminar in Athletic Coaching — 3 semester hours).

A minor with a Physical Education concentration requires Physical Education 162, 211, 221, 261 or 262, 360 or 365, 410, 411.

A minor in Recreation requires Recreation 211, 322, 323; 424, 481 (3 semester hours), and Physical Education 221.

A minor in Dance requires 18 semester hours of Dance courses. Refer to the Fine Arts section of the catalog for specific requirements.

### 100. TENNIS AND BADMINTON

1 semester hour

Progressive development of skills and strategies involved in the games of tennis and badminton. Rules, safety factors and etiquette are also stressed.

### 101. HANDBALL AND RACQUETBALL

1 semester hour

Progressive development of skills and strategies involved in the games of handball and racquetball. Rules, safety factors and etiquette are also stressed.

### 102. ELEMENTARY GYMNASTICS

1 semester hour

Progressive development of the basic skills in the areas of apparatus, floor exercise and tumbling.

### 103. DANCE SURVEY

1 semester hour

(Same course as FA 103. See FA 103 for description.)



- 104. MODERN DANCE** **1 semester hour**  
(Same course as FA 104. See FA 104 for description.)
- 105. GOLF AND ARCHERY** **1 semester hour**  
Progressive development of skills and strategies in the sports of golf and archery. Laboratory fee \$20.00.
- 106. BEGINNING SWIMMING** **1 semester hour**  
The learning sequence is mental and physical adjustment to the water; buoyancy and body position; coordinating strokes pertaining to methods of finning, sculling, treading water; elementary and resting back stroke, back crawl and front crawl, water entries, personal safety, survival floating, underwater swimming and elementary forms of rescue.
- 107. INTERMEDIATE TO ADVANCED SWIMMING** **1 semester hour**  
Review of basic swimming strokes, introduction of advanced strokes, survival swimming and basic spring-board diving. Recommended to persons who plan to obtain their senior life saving and water safety instructor's certificates.
- 108. SENIOR LIFE SAVING AND SURVIVAL SWIMMING** **1 semester hour**  
The course is designed to cover the areas of advanced swimming and life saving, with emphasis placed on personal safety around water. Prerequisite: Be able to do the front crawl, side stroke and breast stroke or have passed PE 106 or 107 with a C or better.
- 109. OVERLOAD CONDITIONING** **1 semester hour**  
Progressive development of physiological fitness designed to meet the needs of the individual student. Includes weight training and cardio-respiratory training.
- 110. SNOW SKIING — BEGINNER TO ADVANCED** **1-3 semester hours**  
An introduction to snow skiing which permits the student to advance at his own rate. All work conducted at ski site. Offered during Christmas holidays (1 hour credit), and Winter Term (3 hours credit only.) Extra fees required. (For details, consult Physical Education Department Staff.)
- 112. BALLET I** **1 semester hour**  
(Same course as FA 112. See FA 112 for description.)
- 113. JAZZ DANCE I** **1 semester hour**  
(Same course as FA 113. See FA 113 for description.)
- 114. DANCE IMPROVISATION** **1 semester hour**  
(Same course as FA 114. See FA 114 for description.)
- 120. CONTEMPORARY HEALTH PROBLEMS AND PROCEDURES OF PRESENTATION** **3 semester hours**  
A study of contemporary health problems and issues. Topics for discussion include mental health, drug abuse, human sexuality, physical fitness, nutrition, and diseases. Includes methods of presentation of selected topics appropriate for public school students.
- 160. FOUNDATIONS OF PHYSICAL ACTIVITY** **2 semester hours**  
The study of the immediate and long-term effects of physical activity and the establishment of individualized programs for acquiring and maintaining physical fitness and wellness. Lecture and laboratory experiences.
- 161, 162. LIFETIME SPORTS SKILLS LABORATORY** **2 semester hours each semester**  
Methods, materials, techniques and skills in teaching lifetime sports skills. Includes golf, archery, tennis, badminton, gymnastics, aquatics. Majors and minors only. Laboratory fee \$20.00 for PE 161.
- 201. MODERN DANCE II** **2 semester hours**  
(Same course as FA 201. See FA 201 for description.)
- 202. BALLET II** **2 semester hours**  
(Same course as FA 202. See FA 202 for description.)

- 203. JAZZ DANCE II** **2 semester hours**  
(Same course as FA 203. See FA 203 for description.)
- 204. DANCE ENSEMBLE** **2 semester hours**  
(Same course as FA 204. See FA 204 for description.)
- 208. WATER SAFETY INSTRUCTORS COURSE** **2 semester hours**  
This course is designed to enable a student to become an expert on swimming and lifesaving skills. WSI certification may be awarded. Recommended only for persons who have previously mastered senior lifesaving skills.
- 209. SKIN AND BASIC SCUBA DIVING** **2 semester hours**  
The course is designed to cover basic skin diving: laws of physics pertaining to the following: temperature, buoyance, humidity, vision, acoustics, gas laws, direct and indirect effects of pressure; marine life and environment; medical aspects of diving; first aid; SCUBA mechanics. Awards: YMCA basic SCUBA certification. Prerequisites: 15 years of age, pass a swim test, medical exam and payment of \$100.00 before the SCUBA work begins.
- 211. HISTORY AND PRINCIPLES OF HEALTH, PHYSICAL EDUCATION AND RECREATION** **3 semester hours**  
An introductory study in the history of health education, physical education and recreation; philosophical, psychological, physiological, and sociological bases for activity; basis for programs and organization of activities.
- 220. FIRST AID (Non-Majors Only)** **3 semester hours**  
Emphasis placed upon the use of the Red Cross method of First Aid and CPR training. Opportunities to develop practical skills which simulate application of First Aid procedures to real-life emergencies.
- 221. SPORTS MEDICINE/FIRST AID (Majors Only)** **3 semester hours**  
Emphasis is placed on the prevention and treatment of athletic injuries in various sports. Basic physiological and anatomical functions of the athlete are discussed. Basic first aid and CPR training are offered.
- 260. SAFE DRIVING** **3 semester hours**  
The principles of teaching basic driving skills, including defensive driving, observation and interpretation of motor vehicle laws, adverse driving conditions, and care and use of the automobile. Classroom instruction and in-car instruction. Laboratory fee \$25.00.
- 261, 262. TEAM SPORTS SKILLS LABORATORY** **2 semester hours each semester**  
Methods, materials, techniques and skills in teaching team sports. Includes soccer, field hockey, volleyball, basketball, softball and track and field. Majors and minors only.
- 265. OFFICIATING** **2 semester hours**  
Designed to provide a thorough study of rules and mechanics of sport officiating. Practical experience in officiating may be provided in the area of the sports selected at the community and little leagues, junior high, and junior varsity levels.
- 310. MOTOR LEARNING THEORY FOR TEACHING AND COACHING** **3 semester hours**  
Emphasis is placed upon qualities of the coach, influencing and controlling behavior during sports activities, vital relationships within the school and community, organization and planning for practice, training rules and how to enforce them, motivation and coaching ethics.
- 321. KINESIOLOGY** **3 semester hours**  
The study of the musculo-skeletal system as it relates to physical and sports skills and the mechanical analysis of sports skills. Prerequisite: Biology 265.
- 360. METHODS AND MATERIALS OF EARLY CHILDHOOD PHYSICAL EDUCATION (K-3)** **3 semester hours**  
Designed for early childhood teachers. Emphasis placed on movement education and basic skills teaching with opportunity for laboratory experience.

**361. METHODS AND MATERIALS OF INTERMEDIATE SCHOOL****PHYSICAL EDUCATION (4-9)****3 semester hours**

Designed for intermediate teachers of Health and Physical Education. Various teaching methods, including a movement approach, for teaching basic skills and specific sports skills are explored. Opportunity is given for laboratory experience.

**363. METHODS AND MATERIALS OF GYMNASTICS****2 semester hours**

A study of gymnastics' teaching methods for the secondary and elementary school levels. Skill development, teaching techniques, and safety procedures are emphasized. Prerequisite: Physical Education major PE 162, or PE 102 and permission of the instructor.

**365. METHODS AND MATERIALS OF DANCE****3 semester hours**

Fundamental movements, basic rhythmic techniques, and basic dance steps. Includes folk dance, social dance, square dance, and creative dance, with emphasis on teaching methodology at the elementary and secondary school levels. (PE 365 is the same as FA 365.)

**366. DANCE CHOREOGRAPHY****3 semester hours**

(Same course as FA 366. See FA 366 for description.)

**367. HISTORY OF DANCE****3 semester hours**

(Same course as FA 367. See FA 367 for description.)

**372. METHODS OF COACHING FOOTBALL****2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching football.

**373. METHODS OF COACHING BASKETBALL****2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching basketball.

**374. METHODS OF COACHING TRACK AND FIELD AND BASEBALL****2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching track and field and baseball.

**377. METHODS OF COACHING WRESTLING AND SOCCER****2 semester hours**

A study of appropriate terms, drills, methods, and strategy for coaching wrestling and soccer.

**378. METHODS OF COACHING FIELD  
HOCKEY AND VOLLEYBALL****2 semester hours**

A study of appropriate terms, drills, methods and strategy for coaching field hockey and volleyball.

**410. ORGANIZATION AND ADMINISTRATION OF HEALTH,  
PHYSICAL EDUCATION AND ATHLETICS****3 semester hours**

A study of appropriate organizational and administrative techniques needed to design and implement programs of physical education, health, intramurals, and athletics in schools and colleges or other appropriate settings.

**411. TESTS AND MEASUREMENTS IN HEALTH  
AND PHYSICAL EDUCATION****3 semester hours**

Includes techniques of the administration of basic motor ability tests, skill tests, and tests of associated and concomitant learnings in physical education and means of utilizing test data for specified purposes.

**422. PHYSIOLOGY OF EXERCISE****3 semester hours**

The study of the effects of exercise on the body. Included are the effects of various types of exercise training programs and the evaluation of physical fitness. Laboratory activities include determination of reaction time, muscular strength, somatotype and body composition. Prerequisite: Biology 265.

**423. ADAPTIVE PHYSICAL EDUCATION****3 semester hours**

A presentation of the various types of handicapped conditions of children and young adults and the modes in which physical education can be adapted to meet the specific needs and interests of these groups.

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours**

Topics selected to meet the needs and interests of students. Open to all Physical Education majors and minors or by permission of the Physical Education Department.

**481. INTERNSHIP IN PHYSICAL EDUCATION****1-6 semester hours****491. INDEPENDENT STUDY****1-3 semester hours****Physics**

*Chairman, Department of Physical Sciences:* Associate Professor F. Harris  
*Associate Professor:* Mullen

A major in Physics requires Physics 111, 112, 211, 212, 311, 312, 411, 421, 422; Mathematics 121, 221, 222, 421; Chemistry 111, 112. Students planning to attend graduate school should take Physics 412, 471 and Mathematics 311, 321, 425, 426. Students planning to teach in high school should take Biology 111, 221 in addition to required courses.

A minor in Physics requires Physics 111, 112, 201, and three courses chosen from Physics 211, 212, 311 and 312.

**101. BASIC CONCEPTS OF PHYSICS****4 semester hours**

Designed to meet partially the general requirement of the College. Topics from mechanics, thermodynamics, electricity and magnetism, wave motion, and atomic structure. Lecture and laboratory. No credit given to students having prior credit for Physics 111.

**102. FUNDAMENTALS OF ASTRONOMY****3 semester hours**

A basic course designed to acquaint the non-science major with the many aspects and triumphs of astronomy as a modern science. Special emphasis on contemporary achievements. Lectures, laboratories and trips to nearby facilities. Prerequisite: PHY 101 or permission of instructor. Winter term only.

**103. FUNDAMENTALS OF PHOTOGRAPHY****3 semester hours**

A basic course providing an introduction to black and white photography. Topics include use of the adjustable 35 mm single-lens reflex camera, film processing, projection printing, and preparation of the finished mounted print. 2 class hours and 2 laboratory hours per week.

**111, 112. GENERAL PHYSICS****4 semester hours each semester**

An introductory course including topics from mechanics, thermodynamics, electricity, magnetism, optics, atomic and nuclear physics. 3 lectures and 1 laboratory session per week. Corequisite: MTH 121.

**201. FUNDAMENTALS OF ELECTRONIC INSTRUMENTATION****3 semester hours**

A survey of the fundamentals of electronic instrumentation designed primarily for science majors. Emphasis is on the operational aspects of electronics including basic circuit theory, devices and components, power supplies, amplifiers and hands-on experience with a variety of electronic measuring instruments. 2 class hours, 2 laboratory hours. Prerequisites: PHY 111, 112 or permission of the instructor.

**211, 212. MECHANICS AND HEAT****3 semester hours each semester**

An introduction to classical mechanics and thermodynamics. Topics to include kinematics, Newton's Laws of Motion, harmonic motion, central forces, rigid body motion, and the First and Second Laws of Thermodynamics. Prerequisites: PHY 111, 112. Corequisite: MTH 121.

**311, 312. ELECTROMAGNETISM AND OPTICS****3 semester hours each semester**

Fundamental concepts of electromagnetics. Electric and magnetic fields; Maxwell's equations; electromagnetic radiation; and geometrical and physical optics are topics to be included. Prerequisites: PHY 111, 112. Corequisite: MTH 121.

**391. INDEPENDENT STUDY****1 or 2 semester hours each semester**

Library and/or laboratory research by the individual student. Open to students at all levels. Prerequisite: permission of Physics staff. Maximum total credit, 8 semester hours.

**411, 412. MODERN PHYSICS****3 semester hours each semester**

First semester to include early quantum theory and special relativity, statistical mechanics, atomic and nuclear physics. Second semester devoted to quantum mechanics and applications to atomic and nuclear systems. Prerequisites: PHY 111, 112. Corequisite: MTH 222.

**421, 422. ADVANCED LABORATORY****1 semester hour each semester**

Experiments in mechanics, thermal physics, electromagnetics, optics and atomic and nuclear physics designed to demonstrate physical phenomena, introduce research techniques, and provide training in the careful measurement of physical quantities. 3 laboratory hours per week. Senior physics majors only.

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours**

## Political Science

*Chairman, Department of Social Sciences: Associate Professor Watts*  
*Associate Professors: Baxter, Long, Taylor, Zarzar*

A major in Political Science requires Political Science 111, 212, 231, 471 (Senior Seminar — 3 semester hours), plus 21 additional hours in Political Science. Other requirements are Computer Information Science 111; Economics 211, 212; History 211, 212; and Mathematics 265.

A minor in Political Science requires Political Science 111, 212, 231, plus 9 additional hours of Political Science. Students electing to minor in Political Science are urged to concentrate the 9 elective hours in one of the specialized areas of Political Science.

**111. INTRODUCTION TO POLITICAL SYSTEMS****3 semester hours**

A general introduction to the basic concepts of politics and to the nature and functions of political systems and institutions both public and private.

**212. RESEARCH METHODS IN SOCIAL SCIENCE****3 semester hours**

Introduction to an examination of basic scientific methods, broadly defined to include problems of definition, concept formation, hypothesis testing, explanation and prediction. Included is a critical analysis of research problems which are susceptible to the use of quantitative data. (PS 212 is the same as PA 212 and SOC 212.)

**231. NATIONAL GOVERNMENT IN THE UNITED STATES****3 semester hours**

A study of the structure and functioning of the national government, including its constitutional basis; the system of separation of powers, checks and balances, operation of the executive, legislative, and judicial branches.

**232. STATE AND LOCAL GOVERNMENT IN THE UNITED STATES****3 semester hours**

A study of the structure and functioning of the state and local government and its role within the federal system. The organization, functions, powers and methods of the state, county, and municipal government, and the role of the individual citizen.

**241. INTERNATIONAL RELATIONS****3 semester hours**

A study of analysis of the basic factors which determine international politics and relations among the nations including the practice of diplomacy, the development of the nation-state system, international law, and international cooperation and organization.

**331. COMPARATIVE EUROPEAN GOVERNMENTS****3 semester hours**

A comparative study of major European political systems. Prerequisite: Junior or senior standing or by permission of the instructor.



- 332. POLITICS AND GOVERNMENTS OF THE MIDDLE EAST** 3 semester hours  
A synthesizing review of the forces and problems affecting contemporary politics and governments of the Middle East. It emphasizes the contrasts between democratic and authoritarian forms of governments. Prerequisite: Junior or senior standing or by permission of the instructor.
- 341. UNITED STATES FOREIGN POLICY TO 1939** 3 semester hours  
(Same course as HST 341. See HST 341 for description.)
- 342. UNITED STATES FOREIGN POLICY SINCE 1939** 3 semester hours  
A study of the foreign relations, foreign policy and international politics of the United States since 1939. Examines the United States in the international arena as a world power. Prerequisite: PS 231 or permission of the instructor. (PS 342 is the same as HST 342.)
- 345. DIPLOMATIC PRACTICES** 3 semester hours  
Knowledge and practical experience of the observational, analytical and decision-making skills associated with the formulation and practice of diplomacy. Readings, film strips, role playing, lectures, and classroom simulations are some of the instructional techniques. Prerequisites: HST 211, 212 or permission of the instructor.
- 352. INTRODUCTION TO POLITICAL THEORY** 3 semester hours  
A survey through the 19th century of the normative, empirical and ideological systems of thought as reflected in some of the world's great political thinkers. Attention is given to how these systems of thought contribute to contemporary politics and events. Prerequisite: Junior or senior standing or by permission of the instructor.
- 353. MODERN POLITICAL THOUGHT** 3 semester hours  
A study and analysis of the major political concepts and ideas, including the great issues of politics from the 19th century to the present day, using both behavioral and non-behavioral methodological approaches. Prerequisite: Junior or senior standing or by permission of the instructor.
- 356. DEMOCRACY AND TOTALITARIANISM** 3 semester hours  
An examination of the origins, development and characteristics of democratic and totalitarian ideas and institutions. Prerequisite: Junior or senior standing or by permission of the instructor.
- 371. SEMINAR: THE MULTINATIONAL CORPORATION IN DOMESTIC AND INTERNATIONAL POLITICS** 3 semester hours  
A seminar which examines the impact of big business on American and international politics. Emphasis is given to ways and means of dealing with problems generated by corporate giantism. Prerequisite: Junior or senior standing or by permission of the instructor.
- 375. SEMINAR: THE PRESIDENT, CONGRESS AND PUBLIC POLICY** 3 semester hours  
A seminar which investigates the formulation and implementation of public policy in the United States, with emphasis on the roles of the President, Congress, and the public in the policy process. Prerequisite: PS 231 or by permission of the instructor.
- 420. WORKSHOP IN POLITICS** 3 semester hours  
Personal experience in the political system of the U.S. is gained through active participation in a political campaign. Each student is required to work as an intern for a candidate or political party of his own choosing. Regular seminars are held to exchange views and compare election and electioneering theory with the students' experience. Normally offered during the fall semester of election years.
- 441. WAR, PEACE AND CONFLICT RESOLUTION** 3 semester hours  
An examination of the various theories of war and peace. Particular attention is given to the causes of war and the various approaches to peace. Prerequisite: Junior or senior standing or permission of the instructor.
- 471. SEMINAR: SPECIAL TOPICS** 3 semester hours
- 481. INTERNSHIP IN POLITICAL SCIENCE** 1-3 semester hours  
Prerequisites: 6 semester hours from PS 111, 211 and 231.
- 491. INDEPENDENT STUDY** 1-3 semester hours

## Psychology

*Chairman, Department of Education and Psychology:* Assistant Professor P. Williams

*Associate Professors:* Brogan, Granowsky, Simon

*Assistant Professors:* Harper, Higgs, Looney

*Instructor:* Kiser

A major in Psychology requires Psychology 211, 331, 341, 351, 432, 471 (3 semester hours, topics approved by the department); and Mathematics 265 or Sociology 212. Additional requirements are 18 semester hours chosen from the following: Psychology 231, 311, 332, 333, 411, 421, 481, Human Services 431, and Philosophy 343.

A minor in Psychology requires Psychology 211, 321, 331, 332; Mathematics 265 or Sociology 212; plus 6 semester hours selected from the following: Psychology courses, Human Services 431; and Philosophy 343.

### **211. GENERAL PSYCHOLOGY**

**3 semester hours**

An overview of the facts and principles of human development, learning, motivation, intelligence, personality, abnormal reactions, and social interaction.

### **231. SOCIAL PSYCHOLOGY**

**3 semester hours**

(Same course as SOC 231. See SOC 231 for description.)

### **311. PSYCHOLOGY OF ADJUSTMENT**

**3 semester hours**

An analysis of the processes by which the individual adjusts and grows within the context of a society. Emphasis is placed on the major psychological theories and research in the area of adjustment and personal growth.

### **321. EDUCATIONAL PSYCHOLOGY**

**3 semester hours**

Psychological principles involved in the process of teaching and learning; the nature of intelligence; motivation, individual differences, and emotional influences; the evaluation of learning. Prerequisite: PSY 211.

### **331. PSYCHOLOGY OF CHILDHOOD**

**3 semester hours**

The general principles of growth and development of the child through adolescence, emphasis upon the intellectual, physical, emotional and social development of the child through elementary school age. Prerequisite: PSY 211.

### **332. PSYCHOLOGY OF EXCEPTIONALITY**

**3 semester hours**

The study of the origins, symptoms and sequences of development of exceptional children who are emotionally, physically or mentally handicapped and those who are gifted and talented. An internship in a local school is required. Prerequisite: PSY 211.

### **333. ABNORMAL BEHAVIOR**

**3 semester hours**

(Same course as HUS 333. See HUS 333 for description.)

### **341. PSYCHOLOGY OF ADOLESCENCE**

**3 semester hours**

The general principles of growth and development of the child through adolescence; emphasis upon intellectual, physical, and emotional changes during adolescence and the interrelation of all aspects of the child's development; adjustment problems in the development of the individual personality. Prerequisite: PSY 211. Scheduled in conjunction with student teaching.

### **351. ADULT DEVELOPMENT**

**3 semester hours**

(Same course as HUS 351. See HUS 351 for description.)

### **411. PSYCHOLOGICAL MEASUREMENT**

**3 semester hours**

A survey of the techniques, uses and importance of testing-and-measurement in the educational process. Particular emphasis is placed upon providing the student with experience in reading, understanding and critically evaluating standardized tests. Prerequisite: PSY 211.

**421. THEORIES OF PERSONALITY****3 semester hours**

A survey of the major theories of personality and motivation including psychoanalytic theories, social psychological theories, phenomenological theories, humanistic theories and behavior theories. Attention is also given to a variety of methodological approaches to the assessment of personality. Prerequisite: PSY 211.

**432. HISTORY AND SYSTEMS OF PSYCHOLOGY****3 semester hours**

The history of psychology from Greek civilization through the emergence of psychology as a distinct discipline. The development and decline of different systematic positions/schools are considered in detail. Prerequisite: PSY 211 and permission of the instructor.

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours****491. INDEPENDENT STUDY****1-3 semester hours****Public Administration**

*Chairman, Department of Social Sciences:* Associate Professor Watts  
*Associate Professor:* Taylor

A major in Public Administration requires Public Administration 211, 212, 311, 431, 471 (Senior Seminar - 3 semester hours); Political Science 231, 232; Accounting 211; Business Administration 111, 323; Communications 210; Economics 211, 212; and Computer Information Science 111. Additional requirements are 12 semester hours chosen from the following: Public Administration 351, 471, 481, 491; Geography 341, Economics 313, 321, 332, Business Administration 325, 328, and Recreation 322, 424, 425.

A minor in Public Administration requires Public Administration 211, 212 and 431; Political Science 231; and Business Administration 323 and 325.

**211. INTRODUCTION TO PUBLIC ADMINISTRATION****3 semester hours**

A study of the basic principles of organization, location of authority, fiscal management, personnel management, and forms of administrative action in the public service.

**212. RESEARCH METHODS IN SOCIAL SCIENCE****3 semester hours**

(Same course as PS 212 and SOC 212. See PS 212 for description.)

**311. ADMINISTRATION OF PUBLIC POLICIES****3 semester hours**

A study of policymaking and the implementation of policies in government, with emphasis on the role of the bureaucracy in this process. Prerequisite: PA 211.

**351. PROBLEMS AND ISSUES IN PUBLIC ADMINISTRATION****3 semester hours**

A study of major current problems and issues in public policy-making and administration, including crime, energy, equality, ethics in government, inflation, poverty, and protection of the environment. Prerequisite: PA 211.

**431. POLICY ANALYSIS AND PROGRAM EVALUATION****3 semester hours**

An examination of two aspects of the policy process for the decision-maker; Policy Analysis, which precedes program implementation and attempts to influence the decision-making; and Program Evaluation, which is a method of determining the degree to which a program is meeting its objectives, and the effects created by the program. Prerequisite: PA 211.

**471. SEMINAR: SPECIAL TOPICS****3 semester hours**

Advanced topics selected to meet the needs of the students who have completed most of their study in Public Administration. Open to seniors majoring in Public Administration, Political Science, History, or with permission of the instructor.

**481. INTERNSHIP IN PUBLIC ADMINISTRATION****1-6 semester hours**

Prerequisites: PA 211 plus 3 semester hours in Public Administration or Political Science.

## Radio Broadcasting

The Radio Broadcasting program is listed under Communications.

## Radiologic Technology

*Chairman, Department of Biology and Allied Health:* Associate Professor H. House

*Coordinator:* Associate Professor Rao

The requirements for the Bachelor of Applied Science in Radiologic Technology consist of (1) completion of a 24-month, A.M.A. approved program in Radiologic Technology; (2) certification by the American Registry of Radiologic Technologists (ARRT); (3) completion of the general studies requirements; (4) one full academic year of study at Elon; and (5) completion of the following specific course requirements: Biology 111, 265, Chemistry 111, 112, Communications 210, Economics 211 or 212, Physics 101, Psychology 211 and 321, plus a minimum of 3 semester hours of electives. The student has the option of completing the clinical phase of the program either before or after completion of the course requirements at Elon. If the program is initiated at Elon, the College will provide assistance for the student in locating and gaining admission to an approved clinical program. The degree normally requires two years at Elon in addition to the 24-month A.M.A. approved program.

## Recreation

*Chairman, Department of Health, Physical Education and Recreation:* Associate Professor Brown

*Professor:* A. White

*Assistant Professors:* Beedle, Gaskill

Community Recreation is one of the emphasis options for the Physical Education major. Please refer to the Physical Education and Health section of this catalog for the requirements.

A minor in Recreation requires Recreation 211, 322, 323, 424, and Physical Education 221 and 481 (3 semester hours).

### 211. INTRODUCTION TO COMMUNITY RECREATION

3 semester hours

A study of the nature and history of leisure, play and recreation as they relate to contemporary community recreation services.

### 322. RECREATION LEADERSHIP AND PROGRAMMING

3 semester hours

Emphasis on the leadership and group dynamics processes as they pertain to the professional recreation setting; principles and approaches to recreational programming.

### 323. RECREATION SERVICES FOR SPECIAL POPULATIONS

3 semester hours

The study of the historical and societal factors affecting the present status, care, treatment and recreation of the mentally and physically handicapped in the United States.

**424. ORGANIZATION AND ADMINISTRATION OF COMMUNITY RECREATION****3 semester hours**

Designed to provide a thorough study of the background, organization and principles of the public recreation administration process.

**425. OUTDOOR RECREATION SERVICES****3 semester hours**

A study of outdoor recreation policies, programs and activities. Contemporary issues and environmental quality are also emphasized.

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours****481. INTERNSHIP IN RECREATION****1-6 semester hours**

This course is designed to give practical experience in community recreation, YMCA or commercial leisure establishments.

## Religion

*Chairman, Department of Religion:* Assistant Professor Chase  
*Professor:* C. White  
*Associate Professors:* W. Rich, Pace  
*Assistant Professor:* Loftin

A major in Religion requires Religion 111, 112, 241, 252, 471 (Senior Seminar—3 semester hours), plus 21 semester hours of additional Religion courses. Greek 111, 112 are recommended for all Religion majors, and Greek 211, 212 may be substituted for Religion courses with departmental approval.

A minor in Religion requires 18 semester hours of Religion courses, with at least 9 of these semester hours taken in junior-senior level courses.

**111. INTRODUCTION TO THE OLD TESTAMENT****3 semester hours**

The history, literature and religion of the Hebrew people as viewed against the background of ancient Near Eastern culture.

**112. INTRODUCTION TO THE NEW TESTAMENT****3 semester hours**

The rise and development of Christianity and its literature.

**215. RELIGIOUS THINKING****3 semester hours**

An introduction to the study of religion including religion and society and the diversity in religion.

**241. RELIGIOUS VALUES AND DECISION MAKING****3 semester hours**

An introductory study of practical religious values, their relationship to the decision-making process, and the dimensions of the decision-making process itself. Fundamental values of the Judeo-Christian tradition are explored.

**251. RELIGION STUDIES ABROAD****3 semester hours**

Study-tours in England and the Middle East (Israel, Egypt and Jordan), Winter Term only.

**252. WORLD RELIGIONS****3 semester hours**

The origin and historical development of selected religious traditions.

**321. ARCHAEOLOGY OF THE ANCIENT NEAR EAST****3 semester hours**

A survey of major archeological research as it relates to the Near East, with particular emphasis on Egypt, Palestine and Mesopotamia. Attention is given to methods of archaeology, prominent excavations and significant artifacts. Prerequisite: Junior or senior status, or permission of the instructor.



**322. OLD TESTAMENT PROPHETS****3 semester hours**

A study of the background, personal characteristics, function, message and present significance of the Hebrew prophets. Prerequisite: Junior or senior status, or permission of the instructor.

**324. THE INTERTESTAMENTAL PERIOD****3 semester hours**

The historical situation and environment from which early Christianity emerged; developments in Hellenism and Judaism; the period of the Maccabees; religious ideas and institutions of the pre-Christian era. Prerequisite: Junior or senior status, or permission of the instructor.

**326. THE WRITINGS OF PAUL****3 semester hours**

An analysis of major motifs of Paul's theology by means of an interpretation of his New Testament writings. Prerequisite: Junior or senior status, or permission of the instructor.

**327. THE GOSPEL OF JOHN****3 semester hours**

A study of the key motifs in the theology of the Gospel of John. Special emphasis on the sources, the various stages of composition, and the literary and rhetorical characteristics. Prerequisite: Junior or senior status, or permission of the instructor.

**328. THE SYNOPTIC GOSPELS****3 semester hours**

A study of the origin, composition, form, content and theological perspective of Mark, Matthew, and Luke. Tools of contemporary biblical scholarship are used to analyze and interpret each of the Gospels. Prerequisite: Junior or senior status, or permission of the instructor.

**334. MODERN RELIGIOUS THINKERS****3 semester hours**

An examination of the methods and programs of contemporary thinkers in religion and theology with special attention to seminal thinkers within the Christian tradition. Prerequisite: Junior or senior status, or permission of the instructor.

**341. CHRISTIAN ETHICS****3 semester hours**

A systematic and biblically based study of the types and principles of Christian ethical theory with special attention to the analysis of selected personal and social ethical issues. Prerequisite: Junior or senior status, or permission of the instructor.

**345. THEOLOGY OF HUMAN LIBERATION****3 semester hours**

Analysis of contemporary types of liberation theology such as third-world liberation, Black liberation, and women's liberation through a study of significant representative writings. Particular attention will be paid to the ultimate goal of human liberation which lies beyond individual representative types. Prerequisite: Junior or senior status, or permission of the instructor.

**355. PHILOSOPHICAL PROBLEMS OF RELIGION****3 semester hours**

(Same course as PHL 355. See PHL 355 for description.)

**365. LITERATURE AND THEOLOGY****3 semester hours**

(Same course as ENG 365. See ENG 365 for description.)

**471. SEMINAR: SPECIAL TOPICS****1-3 semester hours****491. INDEPENDENT STUDY****1-3 semester hours**

Individual study of some area of special interest under the guidance of a member of the department. Open only to Religion majors or minors who have Junior or Senior standing or by permission of the instructor. Maximum of 6 semester hours per student.

## Science Education

In addition to the Education and Psychology courses required of all Secondary Education majors, a major in Science Education requires at least one of the following areas of specialization:

- (1) **Biology**—Biology 111, 221, 222, 265, 321 or 345, and 452; Chemistry 103, 111, 112, 211-212; Physics 101 and 102; and Mathematics 111, 112 and 161.

- (2) **Chemistry**—Chemistry 103, 111, 112, 211-212, 311, 312 and 411; Biology 111 and 201; Physics 101 and 102; and Mathematics 111, 112 and 121.
- (3) **Physical Science**—Chemistry 103, 111, 112, 211-212 and 311; Physics 102, 111, 112 and 201; Biology 111 and 201; and Mathematics 111, 112 and 161.
- (4) **Physics**—Physics 102, 111, 112, 201, 211, 212 or 312, and 311; Biology 111 and 201; Chemistry 103, 111 and 112; and Mathematics 111, 112 and 121.

Recommended electives for the Science Education major include Mathematics 160 and 265 and Computer Information Science 111.

## Social Science

*Chairman, Department of Social Sciences:* Associate Professor Watts  
*Professors:* Anderson, Delp, Moncure, G. Troxler  
*Associate Professors:* Crowe, Long, Toney, C. Troxler, Taylor, Zarzar  
*Assistant Professors:* Basirico, Cates, Henricks, McBee

A major in Social Science requires Economics 212; Geography 121, 131; History 111, 112; Political Science 111 or 241; 231; Psychology 211; Sociology 111, 112; Public Administration/Political Science/Sociology 212; plus 18 semester hours in one of the following areas (concentrations): Geography, History, Political Science, Public Administration, Sociology. Specific concentration course requirements may be stipulated.

Social Science majors receiving teacher certification must complete History 211, 212 and either Geography 311 or 321 instead of 121, in addition to the required Social Science major and professional education courses. (History 211, 212 may be used in partial fulfillment of the required 18 semester hours in one of the Social Sciences.)

### 203. STUDENT DEVELOPMENT LEADERSHIP

2 semester hours

A study-practical experience course designed to develop competency in interpersonal relations, to present the residence hall as a community, to gain an understanding of personal and community problems, and to study change and its influence upon persons and structures. Open to all students and required of all Resident Counselors.

## Sociology

*Chairman, Department of Social Sciences:* Associate Professor Watts  
*Assistant Professors:* Basirico, Henricks, McBee

A major in Sociology requires Sociology 111, 212, 311, 351, plus 18 semester hours of additional Sociology courses; Computer Information Science 111; Mathematics 265; and 6 semester hours selected from History 343, Human Services 231, Philosophy 113 and 342, and Psychology 211.

A minor in Sociology requires Sociology 111, 211, plus 15 semester hours selected from Sociology courses and/or Philosophy 342.

### 111. INTRODUCTORY SOCIOLOGY

3 semester hours

An introduction to the basic theoretical principles and research methods distinctive of modern sociology. Among the issues considered are the relationship between culture, personality, and society; the fundamental forms of social structure; social institutions, such as religion and the family; and basic social processes, such as deviance and social change.

**112. ANTHROPOLOGY****3 semester hours**

An exploration of the meaning of human nature as this has developed over time and is given expression in human societies. Emphasis is placed on the physical evolution of the human species, on methods used to study both physical and social evolution, on the nature and development of human language, and on the meaning and variation of culture throughout the world's societies.

**211. SOCIAL PROBLEMS****3 semester hours**

An examination of various public issues which attempts to dispel persistent fallacies regarding these issues and to provide a distinctively sociological framework for such investigations. Course focuses on causes, consequences, and treatment of such problems as poverty, crime, discrimination, mental disorders, drug abuse, violence, and population pressures. Prerequisite: SOC 111.

**212. RESEARCH METHODS IN SOCIAL SCIENCE****3 semester hours**

(Same course as PA 212 and PS 212. See PS 212 for description.)

**231. SOCIAL PSYCHOLOGY****3 semester hours**

An examination of the ways in which individuals are influenced by their relationships with others in society. Initial attention is given to major theories and methods of research in this discipline. Within this framework, the course considers the difference between humans and animals, the origins and development of the self-concept, the formation of attitudes and factors causing them to change, affiliation, aggression, altruism, and group dynamics. Prerequisite: SOC 111. (SOC 231 is the same as PSY 231.)

**311. THE FAMILY****3 semester hours**

An investigation of the family as an institution in societies. Focus is upon both the development of and current patterns in the American family. Specific topics include social class differences, racial and ethnic variations, premarital patterns, marital interaction, family problems, and the future prospects for the family. Prerequisite: SOC 111.

**313. CRIME AND DELINQUENCY****3 semester hours**

An analysis of juvenile delinquency and adult crime as categories of social behavior. Particular attention is given to the social organization of criminals and to an analysis of the criminal and juvenile justice systems. Prerequisite: SOC 111.

**321. CULTURAL ANTHROPOLOGY****3 semester hours**

An analysis of the organization of primitive and traditional societies. Focusing on the concept of "culture," the course describes the theories and methods used by anthropologists studying primitive peoples. Emphasis is placed on the relationship of culture to such other systems as personality, the organism, society, and the natural environment and on such specific matters as primitive economics, politics, religion, and family patterns. Prerequisite: SOC 111 or 112.

**333. SOCIAL STRATIFICATION****3 semester hours**

A study of social differentiation, particularly those differences which result in the ranking systems of power, wealth, and prestige. The course concentrates on the different positions individuals and groups hold, their corresponding rights and responsibilities, and how those roles influence social action. Emphasis is placed upon institutionalized social inequality within the United States. Prerequisite: SOC 111.

**341. RACIAL, ETHNIC, AND GENDER RELATIONS****3 semester hours**

An analysis of the meaning of minority group status in modern societies both in general terms and also with regard to the more specific problems and prospects featured in the development of various individual groups in American society. Emphasis is placed on the nature of prejudice and discrimination, the structure of minority-majority relations, and strategies toward social equality. Prerequisite: SOC 111.

**343. SOCIAL AND CULTURAL CHANGE****3 semester hours**

An analysis of social and cultural change in modern societies. Emphasis is given to the various sociological approaches to the study of social change as well as to the causes, consequences, and responses to change. Of particular concern is the process of modernization, both as a historical phenomenon and as a dilemma in the developing countries. Prerequisite: SOC 111.

**344. SOCIAL DEVIANCE**

**3 semester hours**

An analysis of processes of norm-violation by individuals or groups in society. Emphasis is placed upon the psychological, cultural, and social factors that contribute to deviance in such areas as mental health, alcohol and drug dependence, sexual expression, and acts of violence. Prerequisite: SOC 111.

**351. SOCIOLOGICAL THEORY**

**3 semester hours**

An exploration of conceptualization and model-building in the development of modern sociology. In considering the historical emergence of different sociological traditions or perspectives, the course will concentrate on the underlying assumptions, historical and intellectual background, and logical consequences of these positions. Prerequisite: SOC 111.

**471. SEMINAR: SPECIAL TOPICS**

**1-3 semester hours**

**491. INDEPENDENT STUDY**

**1-3 semester hours**



## Directory and Appendices



### Officers of the Corporation

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#### Terms Expiring May 31, 1984

J. Dennis Bailey, A.B., *Danville, Va.*  
Lula Browne Helvenston, *Orlanda, Fla.*  
Richard J. Holland, *Windsor, Va.*  
R. Leroy Howell, D.D.S., *Suffolk, Va.*  
Reid A. Maynard, LL.D., *Burlington, N.C.*  
James B. Powell, M.D., *Burlington, N.C.*  
J. E. Rawls, Jr., M.D., *Suffolk, Va.*  
Thomas B. Sain, *Burlington, N.C.*  
J. Harold Smith, *Burlington, N.C.*  
A. G. Thompson, *Lincolnton, N.C.*

#### Terms Expiring May 31, 1985

Wallace L. Chandler, J.D., D.C.S., *Richmond, Va.*  
Joseph M. Copeland, *Portsmouth, Va.*  
John Robert Kernodle, M.D., *Burlington, N.C.*  
Ernest A. Koury, Sr., *Burlington, N.C.*  
G. Melvin Palmer, Ed.D., *Greensboro, N.C.*  
Rex G. Powell, D.C.S., *Fuquay-Varina, N.C.*  
Emily Harris Preyer, *Greensboro, N.C.*  
Ralph H. Scott, LL.D., *Burlington, N.C.*  
C. Max Ward, *Burlington, N.C.*



### Terms Expiring May 31, 1986

Ramsey E. Cammack, LL.D., *Burlington, N.C.*  
 Thad Eure, LL.D., *Raleigh, N.C.*  
 Walter M. Floyd, M.D., *Durham, N.C.*  
 Sherrill G. Hall, *Greensboro, N.C.*  
 Maurice Jennings, *Burlington, N.C.*  
 James H. McEwen, Jr., *New York, N.Y.*  
 J. Hinton Rountree, *Ft. Pierce, Fla.*

### Terms Expiring May 31, 1987

Roger Gant, Jr., *Burlington, N.C.*  
 G. Thomas Holmes, Jr., *Pinehurst, N.C.*  
 Woodrow W. Piland, *Portsmouth, Va.*  
 Thomas E. Powell, III, M.D., *Burlington, N.C.*  
 William D. Rippy, M.D., *Elon College, N.C.*  
 Samuel E. Scott, M.D., *Burlington, N.C.*  
 Royall H. Spence, Jr., D.C.S., *Greensboro, N.C.*  
 W. Millard Stevens, D.D., *Burlington, N.C.*  
 Mary E. Watson, A.B., *Woodstock, Va.*

### Ex-Officio

James Fred Young, Ed.D., *President of the College*  
 Rollin O. Russell, D.M., *Conference Minister, Southern Conference*  
 W. Woodrow Piland, *President of the Southern Conference*  
 Clyde W. Gordon, Sr., D.C.S., *Trustee Emeritus*  
 Iris Holt McEwen, L.H.D., *Trustee Emeritus*

### Faculty, 1982-1983

Hong-Sik Ahn, 1982\*, *Instructor in Economics*  
 B.A., Seoul National University, Korea; Ph.D. candidate, University of North Carolina

Mark R. Albertson, 1980, *Assistant Professor; Registrar*  
 B.B.A., Fort Lauderdale University

J. Wesley Alexander, 1961, *Associate Professor of Mathematics*  
 B.S., M.A., Appalachian State University; M.S., New Mexico State University

Ralph V. Anderson, 1963, *Professor of Economics; Chairman, Department of Economics*  
 B.S., Ferris Institute; M.S., University of Tennessee; B.D., Northern Baptist Theological Seminary; Ph.D., University of North Carolina

Wright L. Anderson, 1982, *Assistant Professor of Physical Education and Health; Head Football Coach*  
 A.B., Elon College; M.A.T., University of North Carolina

Neill P. Andrews, 1981, *Part-time Instructor in Music*  
 A.B., Duke University; B.S., M.S., Juilliard School of Music; D.M.A. candidate, University of Cincinnati

Andrew J. Angyal, 1976, *Assistant Professor of English*  
 B.A., Queens College, CUNY; M.A., Yale University; Ph.D., Duke University

\*Year of appointment

- Malvin N. Artley, 1963, *Professor of Music*  
B.Mus., Shenandoah Conservatory of Music; M.Mus., Cincinnati Conservatory; D.F.A., Chicago Musical College, Roosevelt University.
- Martin H. Baker, 1980, *Instructor in Physical Education and Health; Athletic Trainer*  
B.S., SUNY at Brockport; M.S., Indiana State University
- Steven J. Ballard, 1977, *Instructor in Physical Education; Soccer Coach; Sports Information Director*  
B.S., SUNY at Cortland; M.A., University of North Carolina
- William H. Barbee, 1970, *Associate Professor of Mathematics*  
B.S., Wofford College; M.Math., University of Tennessee; Graduate Studies, University of Georgia
- Robert C. Baxter, 1959, *Associate Professor of Business Law; College Attorney*  
A.B., Elon College; J.D., Duke University
- Barry B. Beedle, 1978, *Assistant Professor of Physical Education and Health*  
B.S., M.S., Mississippi State University; Ed.D., University of Mississippi
- Joe Belk, 1975, *Part-time Clinician in Music*  
A.B., Miami University of Ohio
- W. Jennings Berry, Jr., 1957, *Associate Professor of English; Director of Academic Advising*  
A.B., Elon College; M.A., University of North Carolina
- Robert G. Blake, 1968, *William S. Long Professor of English*  
A.B., Harvard University; M.A., Ph.D., Duke University
- R. Lamar Bland, 1967, *Associate Professor of English; Chairman, Department of Literature, Languages and Communications*  
B.A., Wake Forest University; M.A., University of North Carolina; Ph.D., University of North Carolina at Greensboro
- David A. Bragg, 1970, *Associate Professor of Music*  
B.S., Concord College; M.M.E., Ph.D., Florida State University
- Marydell R. Bright, 1970, *Assistant Professor; Dean of Admissions and Financial Aid*  
A.B., Mount Holyoke College; M.Ed., University of North Carolina at Greensboro
- Mary Lou G. Brittain, 1976, *Assistant Professor of English*  
B.A., M.A., Ph.D., University of North Carolina at Greensboro
- Wesley B. Brogan, 1979, *Associate Professor of Human Services*  
A.B., Dickinson College; M.Div., Duke University; M.Ed., Ph.D., University of North Carolina
- David W. Brown, 1981, *Assistant Professor; Campaign Administrator*  
B.A., Central Connecticut State College; M.Ed., Springfield College; Ph.D., University of Southern Mississippi
- Janie P. Brown, 1967, *Associate Professor of Physical Education and Health; Chairman, Department of Health, Physical Education and Recreation*  
B.S., Wake Forest University; M.A., East Carolina University; Ed.D., University of North Carolina at Greensboro

- Cardon V. Burnham, 1981, *Associate Professor of Fine Arts; Chairman, Department of Fine Arts*  
B.M.E., Bradley University; M.M., University of Illinois; A.M.D., Eastman School of Music
- Ann S. Butler, 1979, *Part-time Instructor in English*  
A.B., M.Ed., University of North Carolina at Greensboro
- W. E. Butler, Jr., 1946, *Associate Professor; Assistant Treasurer*  
A.B., Elon College; Graduate Studies, University of North Carolina, C.P.M.
- Gaylor F. Callahan, 1980, *Part-time Instructor in English*  
B.A., M.A., University of North Carolina at Greensboro; Graduate Studies, Duke University
- Karen R. Carden, 1979, *Instructor in Physical Education; Director of Intramural Athletics; Women's Volleyball Coach; Women's Tennis Coach*  
A.B., Elon College
- Lonnie Mack Carden, 1977, *Instructor in Physical Education and Health; Assistant Football Coach*  
A.B., Elon College; M.A., Appalachian State University
- D. Brooks Cates, 1964, *Assistant Professor of Geography*  
A.B., University of North Carolina; M.A., East Carolina University; Ph.D., University of North Carolina
- Carole F. Chase, 1976, *Assistant Professor of Religion; Chairman, Department of Religion*  
A.B., College of William and Mary; M.A., Presbyterian School of Christian Education; Ph.D., Duke University
- Paul H. Cheek, 1950, *L. L. Vaughan Professor of Chemistry*  
B.S., Wake Forest University; Ph.D., University of North Carolina
- Ruth L. Cheek, 1964, *Part-time Assistant Professor of Chemistry*  
A.B., M.A., University of North Carolina
- Terrell W. Cofield, 1968, *Assistant Professor of Music*  
B.Mus., Rollins College; M.Mus., University of North Carolina; Study with Maestro Luigi Ricci, Teatro dell 'Opera, Rome, Italy
- Janie E. Council, 1960, *Associate Professor of Business Administration and Accounting*  
A.B., M.A., East Carolina University
- David M. Crowe, Jr., 1977, *Associate Professor of History*  
B.A., Southeastern Louisiana College; M.A., Mississippi State University; Ph.D., The University of Georgia
- Edwin L. Daniel, 1963, *Associate Professor of Art*  
A.B., Elon College; B.F.A., Abbott School of Fine and Commercial Art; M.F.A., University of North Carolina; Virginia Commonwealth University; Roanoke Fine Arts Center, University of Virginia Extension
- J. Earl Danielely, 1946, *Thomas E. Powell, Jr., Professor of Chemistry*  
A.B., Elon College; M.A., Ph.D., University of North Carolina; Postdoctoral Study, The Johns Hopkins University; Sc.D., Catawba College; LL.D., Campbell College

- Richard A. Davis, 1980, *Assistant Professor of Sociology*  
B.A., North Carolina Central University; Ph.D., University of North Carolina
- Robert W. Delp, 1968, *Professor of History*  
B.S., Davidson College; B.D., Lancaster Theological Seminary; M.A., Ph.D., The George Washington University; Duke University
- Helen H. Euliss, 1969, *Associate Professor of English*  
B.S., Appalachian State University; M.A., Graduate Studies, University of North Carolina
- Daniel Feinberg, 1978, *Professor of Business Administration*  
B.B.S., The College of the City of New York; M.A., Columbia University; Ph.D., New York University
- Hugh M. Fields, 1970, *Assistant Professor of Biology*  
B.S., M.S., North Carolina State University; Graduate Studies, University of North Carolina at Greensboro
- Wesley L. Flake, 1982, *Instructor in Computer Information Science and Business Administration*  
A.A.S., Technical College of Alamance; A.B., Elon College; M.B.A., University of North Carolina
- Betty G. Flinchum, 1980, *Instructor in Cytotechnology*  
A.B., University of North Carolina at Greensboro
- John Benjamin Flora, 1977, *Adjunct Assistant Professor of Allied Health*  
B.A., University of Virginia; Ph.D., Virginia Polytechnic Institute and State University
- Gerald L. Francis, 1974, *Associate Professor of Mathematics and Computer Information Science; Chairman, Department of Mathematics and Computer Information Science*  
B.S., M.A., Appalachian State University; Ph.D., Virginia Polytechnic Institute and State University
- Paul L. Gaskill, 1978, *Instructor in Recreation Administration*  
A.A., Montgomery County Community College; B.S., The Pennsylvania State University; M.S., University of North Carolina; Graduate Studies, University of North Carolina at Greensboro
- James W. Geyer, 1977, *Adjunct Assistant Professor of Allied Health*  
B.A., Eastern Michigan University; M.S., Ph.D., Wayne State University
- Gerald M. Gibson, 1979, *Instructor in Communications*  
B.A., North Carolina State University; M.A., University of North Carolina at Greensboro
- Russell B. Gill, 1976, *Associate Professor of English*  
A.B., College of William and Mary; M.A., Ph.D., Harvard University
- James H. Glenn, 1978, *Assistant Professor of Music*  
B.A., Luther College; M.A., Occidental College; Ph.D., University of Oklahoma
- Seena A. Granowsky, 1975, *Assistant Professor of Psychology*  
B.S., Tufts University; M.S., Vassar College; Ed.D., Duke University
- Patricia J. Gray, 1980, *Part-time Instructor in Physical Education and Fine Arts*  
B.S., M.F.A., University of North Carolina at Greensboro

Charles A. Griffin, 1983, *Instructor in Physical Education and Health; Assistant Football Coach; Assistant Track Coach*  
A.A., Catonsville Community College; B.S., Frostburg State College;  
M.A., University of Maryland

Joseph M. Griska, Jr., 1982, *Part-time Assistant Professor of English*  
B.A., St. Michael's College; M.A., Northeastern University; Ph.D., Texas A  
& M University

Kenneth L. Harper, 1970, *Assistant Professor of Education*  
A.B., Elon College; M.Ed., University of North Carolina; Graduate Studies,  
Duke University; Ed.D., candidate, University of North Carolina at  
Greensboro

E. Franklin Harris, 1967, *Associate Professor of Physics*  
A.B., Elon College; M.A., Wake Forest University; Ph.D., University of  
North Carolina

Nancy E. Harris, 1981, *Assistant Professor of Biology*  
B.S., University of North Carolina; B.S., Ph.D., North Carolina State  
University

Priscilla L. Haworth, 1975, *Instructor in English; Public and Tutorial Services  
Coordinator*  
B.S., M.A., Appalachian State University; Virginia Polytechnic Institute  
and State University; University of Virginia

Richard C. Haworth, 1974, *Associate Professor of Mathematics*  
B.S., Wake Forest University; M.A.T., Duke University; M.A., Appalachian  
State University; Ph.D., Virginia Polytechnic Institute and State University

Judy S. Henricks, 1980, *Part-time Instructor in Art*  
B.A., University of Illinois; M.F.A., University of North Carolina at  
Greensboro

Thomas S. Henricks, 1977, *Assistant Professor of Sociology*  
B.A., North Central College; M.A., Ph.D., University of Chicago

Howard R. Higgs, 1977, *Assistant Professor of Human Services; Chairman,  
Department of Human Services*  
B.A., Greensboro College; M.A., Ph.D., University of North Carolina at  
Greensboro

Vicki V. Hightower, 1981, *Instructor in Computer Information Science and  
Mathematics*  
B.S., M.A.T., Michigan State University

William L. Hightower, 1981, *Associate Professor of Computer Information  
Science*  
B.A., Kalamazoo College; M.S., Ph.D., Graduate Studies, Michigan State  
University

Cheryl T. Holt, 1976, *Part-time Instructor in Mathematics*  
A.B., Elon College

Rachel Y. Holt, 1968, *Assistant Professor of History*  
A.B., Elon College; M.Ed., M.A., Graduate Studies, University of North  
Carolina

Alonzo L. Hook, 1914, *Professor of Physics; Dean Emeritus*  
A.B., Elon College; M.A., M.S., Cornell University; Sc.D., Elon College/  
The Johns Hopkins University; University of Chicago; Duke University



- Carol Hoppe, 1981, *Part-time Instructor in English*  
B.S., University of Kansas; Graduate Studies, Washington University, St. Louis; M.A., University of Vermont; Ph.D. candidate, SUNY at Albany; Graduate Studies, University of Munich, Germany
- Herbert W. House, Jr., 1977, *Associate Professor of Biology; Chairman, Department of Biology and Allied Health*  
B.S., Wake Forest University; M.S., Ph.D., University of South Carolina
- Rebecca O. House, 1978, *Part-time Instructor in English*  
B.A., Meredith College; M.Ed., University of North Carolina
- Michael P. Hudson, Jr., 1982, *Part-time Instructor in Computer Information Science*  
A.B., Elon College; M.B.A., University of North Carolina at Greensboro
- Mary F. Jackson, 1975, *Assistant Professor of Physical Education and Health; Women's Basketball Coach; Women's Softball Coach*  
B.S., Norfolk College of William and Mary; M.Ed., University of Virginia
- Barbara D. Jacobson, 1982, *Part-time Instructor in Music*  
B.M., M.M., New England Conservatory of Music
- Robert M. James, 1982, *Part-time Instructor in Chemistry*  
A.B., Elon College
- P. Alston Jones, Jr., 1982, *Assistant Professor; Head Librarian and Director of the Learning Resources Center*  
B.M., East Carolina University; M.S., Drexel University
- Connie L. Keller, 1980, *Instructor; Assistant Reference Librarian/Catalog Librarian*  
B.A., Illinois Wesleyan University; M.A., University of Iowa
- Donald J. Kelly, 1967, *Associate Professor of Physical Education; Associate Football Coach*  
A.B., Catawba College; M.A., University of North Carolina
- Ralph W. Kerns, 1980, *Part-time Instructor in Communications and Fine Arts*  
B.A., Waynesburg College; M.F.A., Carnegie Institute of Technology, Carnegie-Mellon University
- Robert Burns King, 1981, *Part-time Instructor in Organ; College Organist*  
B.A., Furman University; M.S.M., Union Seminary in New York; Graduate Studies, University of North Carolina; Study with Michael Schneider, Hochschule fur Musik, Cologne, Germany
- Helen S. Kirchen, 1980, *Assistant Professor; Associate Director of the Learning Resources Center*  
B.S., Columbia University; M.S.L.S., University of North Carolina
- Pamela M. Kiser, 1981, *Instructor in Human Services*  
B.A., Wake Forest University; M.S., University of North Carolina
- Ronald A. Klepcyk, 1978, *Assistant Professor; Associate Dean of Student Affairs*  
B.S., M.Ed., Kent State University
- Ernest A. Knesel, Jr., 1980, *Adjunct Assistant Professor of Allied Health*  
B.S., M.S., Fairleigh Dickinson University

- George R. Lentz, Jr., 1980, *Assistant Professor, Director of Continuing Education*  
B.A., Lenoir-Rhyne College; M.Ed., University of North Carolina at Charlotte
- John D. Loftin, 1982, *Assistant Professor of Religion*  
A.B., University of North Carolina; Ph.D., Duke University
- William G. Long, 1974, *Associate Professor of Political Science; Dean of Student Affairs*  
B.A., M.A., West Virginia University; M.Div., Yale University Divinity School
- Frances C. Longest, 1955, *Associate Professor of Business Education*  
A.B., Elon College; M.Ed., Graduate Studies, University of North Carolina
- June M. Looney, 1968, *Assistant Professor of Psychology*  
A.B., Elon College; M.A., Graduate Studies, East Carolina University
- Ernest J. Lunsford, 1981, *Assistant Professor of Spanish*  
B.A., Duke University; M.A., Middlebury College; Ph.D., University of Florida
- Kathy J. Lyday-Lee, 1982, *Assistant Professor of English*  
B.A., M.A., Tennessee Technological University; Ph.D., University of Tennessee
- Helen H. Mackay, 1976, *Assistant Professor of English*  
B.A., M.A., Ph.D., University of North Carolina at Greensboro
- Betty J. Maness, 1976, *Assistant Professor of Education and English*  
B.A., M.Ed., University of North Carolina at Greensboro
- John Michael Marr, 1978, *Associate Professor of Business Administration; Chairman, Department of Accounting, Business Administration and Business Education*  
B.A., Presbyterian College; M.S., Ph.D., Clemson University
- Robert D. McBee, 1977, *Assistant Professor of Sociology; Baseball Coach*  
B.A., Presbyterian College; M.S., Ph.D., University of Southern Mississippi
- Trevathan N. McCarther, 1982, *Assistant Professor of Military Science*  
B.S., North Carolina Central University; M.S., Webster College; Major, U.S. Army
- Larry B. McCauley, Sr., 1968, *Assistant Professor; Director of Physical Plant*  
A.B., Elon College; M.A., University of North Carolina
- Robie W. McClellan, 1980, *Assistant Professor of Business Administration*  
B.A., University of North Carolina; M.B.A., Ed.D., University of North Carolina at Greensboro
- Perman McIntosh, Jr., 1981, *Assistant Professor of Military Science*  
B.S., Florida A & M University; Captain, U.S. Army
- William F. Migniuolo, 1978, *Instructor in English; Coordinator of Academic Skills*  
A.B., University of North Carolina; Ph.D candidate, Brown University
- John F. Mitchell, 1981, *Associate Professor; Vice President for Administrative Services*  
A.B., M.B.A., Dartmouth College

- James A. Moncure, 1974, *Professor of History; Vice President for Academic and Student Affairs*  
B.A., University of Richmond; M.A., Ph.D., Columbia University
- H. Reid Montgomery, 1978, *Instructor in Religion*  
A.B., Elon College; B.D., Union Theological Seminary, Virginia; S.T.M., New York Theological Seminary; Graduate Studies, New York University
- Doreen K. Moore, 1981, *Instructor; Public Services Librarian*  
B.A., Ramapo College; M.A., Teachers College, Columbia University; M.L.S., Rutgers University
- Patricia Sue Morgan, 1983, *Assistant Professor; Associate Dean of Student Affairs*  
B.S., Mars Hill; M.A., Appalachian State University
- Voigt F. Morgan, 1963, *Associate Professor of Biology*  
A.B., Elon College; M.A., Appalachian State University; Graduate Studies, Duke University
- T. William Morningstar, Jr., 1972, *Assistant Professor of Physical Education and Health; Men's Head Basketball Coach; Golf Coach*  
A.B., Elon College; M.A., Lynchburg College
- James T. Morris, Jr., 1983, *Part-time Instructor in Sociology*  
B.A., St. Martins College; M.A., Pacific Lutheran University; Ph.D. candidate, University of North Carolina at Greensboro
- Whitney P. Mullen, 1970, *Associate Professor of Science Education; Chairman, Department of Physical Sciences*  
B.S.Ed., Glassboro State College; M.Ed., D.Ed., Duke University
- William Robert Nowell, 1981, *Assistant Professor of Communications*  
B.A., University of North Carolina; M.S., Northwestern University; Ph.D. candidate, Indiana University
- E. Eugene Oliver, 1981, *Associate Professor of Accounting*  
A.B., M.B.A., George Washington University; Ed.D., University of North Carolina at Greensboro
- Marjon B. Ornstein, 1982, *Assistant Professor of Foreign Languages*  
B.A., Guilford College; M.A., Middlebury College, France; Ph.D., University of Wisconsin at Madison
- James H. Pace, 1973, *Assistant Professor of Religion*  
A.B., Birmingham-Southern College; M.Div., Ph.D., Emory University
- Susan P. Phillips, 1980, *Instructor; Coordinator of Career Development and Placement*  
B.A., Salem College; M.A., Appalachian State University
- Barbara T. Plumblee, 1979, *Part-time Instructor in Biology*  
A.B., Elon College; M.S., University of North Carolina
- Anne Ponder, 1977, *Assistant Professor of Communications and English; Director of Academic Honors Programs*  
A.B., M.A., Ph.D., University of North Carolina
- James B. Powell, 1977, *Adjunct Associate Professor of Allied Health*  
B.A., Virginia Military Institute; M.D., Duke University

- R. D. Rao, 1969, *Associate Professor of Biology; Coordinator of Radiologic Technology*  
B.S., Osmania University; M.S., Ph.D., North Carolina State University
- Janie C. Reece, 1954, *Part-time Assistant Professor of Mathematics*  
A.B., M.Ed., University of North Carolina
- Lela Faye Rich, 1977, *Assistant Professor of History; Associate Director of Academic Advising*  
B.A., Wake Forest University; M.A.T., Duke University
- William G. Rich, 1977, *Associate Professor of Religion*  
B.A., Wake Forest University; B.D., Southeastern Baptist Theological Seminary; Ph.D., Emory University
- Gerardo Rodriguez, 1982, *Part-time Assistant Professor of Spanish*  
M.A., Normal Superior Benavente, Pueblo, Mexico; Ph.D., University of Madrid, Spain
- Elizabeth D. Russell, 1982, *Part-time Instructor in English*  
B.A., Vanderbilt University; M.A., Texas Christian University
- Allen B. Sanders, 1965, *Professor of Business Administration and Accounting*  
B.S., West Virginia University; M.B.A., The George Washington University; C.M.A., Ph.D., University of North Carolina
- Gayle W. Scott, 1979, *Assistant Professor of Medical Laboratory Technology; Director, Medical Laboratory Technician Program*  
A.A., Emory-at-Oxford College; B.S., Medical College of Georgia; M.Ed., University of Georgia; M.T., ASCP
- William G. Sharpe, IV, 1980, *Assistant Professor; College Chaplain; Coordinator of Personal Counseling*  
A.B., M.Div., Du' e University
- Martin L. Sholtzberger, 1980, *Jefferson-Pilot Professor of Business Administration*  
B.S.B.A., M.S.B.A., University of Richmond; Ph.D., Ohio State University; LL.D., University of Richmond
- Lawrence H. Simon, 1976, *Associate Professor of Education*  
B.A., M.A.T., University of North Carolina; Ed.D., University of North Carolina at Greensboro
- Martha B. Smith, (1964\*), 1970, *Professor of English*  
A.B., Winthrop College; M.A., Presbyterian School of Christian Education; M.A., Ph.D., University of North Carolina
- JoAnne C. Soliday, 1980, *Assistant Professor; Associate Director of Admissions*  
B.A., West Virginia Wesleyan College; M.Ed., University of North Carolina
- Dixie L. Sparrow, 1980, *Part-time Instructor in Business Administration*  
B.A., Eureka College; M.B.A., Mankato State University
- Joyce E. Speas, 1978, *Assistant Professor of Mathematics*  
B.A., Mars Hill College; M.Ed., University of North Carolina at Greensboro
- John G. Sullivan, 1970, *Professor of Philosophy*  
B.A., M.A., Catholic University; J.C.D., Lateran University; Ph.D., University of North Carolina

- George A. Taylor, 1979, *Assistant Professor of Political Science and Public Administration*  
B.S., Baptist College of Charleston; M.A., Ph.D., University of Georgia
- Michael A. Taylor, 1978, *Assistant Professor of Foreign Languages*  
B.A., M.A., Ph.D., University of North Carolina
- Barbara H. Thornton, 1981, *Instructor in Medical Laboratory Technology*  
B.S., Georgia State College for Women; M.Ed., University of North Carolina; M.T., ASCP
- Jerry R. Tolley, 1967, *Associate Professor of Physical Education and Health; Director of Annual Fund*  
B.S., M.A., East Carolina University; Ed.D., University of North Carolina at Greensboro
- James T. Toney, 1960, *Associate Professor of Economics*  
B.S., M.A., Appalachian State University; Graduate Studies, Teachers College, Columbia University; University of Colorado; Memphis State University
- Carole W. Troxler, 1971, *Associate Professor of History*  
A.B., University of Georgia; M.A., Ph.D., University of North Carolina
- George W. Troxler, 1971, *Professor of History*  
A.B., Guilford College; M.A., Ph.D., University of North Carolina
- Gary R. Van Dam, 1982, *Instructor in Physical Education and Health; Assistant Football Coach; Track Coach*  
A.A., Grand Rapids Community College; B.S., M.A., Central Michigan University
- Whitney G. Vanderwerff, 1982, *Assistant Professor of English; Director of Composition*  
A.B., Hollins College; M.A.T., Converse College; Ph.D., University of North Carolina at Greensboro
- Ann J. Vickers, 1966, *Assistant Professor; Catalog Librarian*  
A.B., Elon College; M.L.S., University of North Carolina
- Bruce N. Waller, 1978, *Assistant Professor of Philosophy; Chairman, Department of Philosophy*  
B.A., Louisiana Technical University; M.A., Ph.D., University of North Carolina
- Frederic T. Watts, Jr., 1972, *Associate Professor of Political Science; Chairman, Department of Social Sciences*  
B.S., University of Nebraska; M.S., The George Washington University; Ph.D., University of South Carolina
- Linda T. Weavil, 1973, *Assistant Professor of Business Education and Business Administration; Director of Cooperative Education*  
B.S., M.A., East Carolina University; Ed.D., University of North Carolina at Greensboro
- Jane C. Wellford, 1976, *Part-time Instructor in Physical Education and Fine Arts*  
B.F.A., St. Andrews Presbyterian College; M.F.A., University of North Carolina at Greensboro



- Walter Westafer, 1963, *Professor of Music*  
B.Mus., Syracuse University; M.Mus., Cincinnati Conservatory of Music;  
Ph.D., University of North Carolina
- John W. Wheeler, 1978, *Assistant Professor of Accounting*  
B.A., Central Wesleyan College; M.A., Virginia Polytechnic Institute and  
State University
- Alan J. White (1964\*), 1974, *Professor of Physical Education and Health;  
Athletic Director*  
B.S., Wake Forest University; M.Ed., University of North Carolina; Ed.D.,  
Mississippi State University
- Jack O. White, 1962, *Professor of Music; Director of the Band*  
B.S., Concord College; M.Ed., University of North Carolina; D.A., New  
York University
- M. Christopher White, 1972, *Professor of Religion; Dean of Academic Affairs*  
A.B., Mercer University; M.Div., Southern Baptist Theological Seminary;  
Ph.D., Emory University
- Dorothy M. Williams, 1978, *Instructor in Mathematics*  
B.S., Westhampton College, University of Richmond; M.A.T., Duke  
University
- Jo W. Williams, 1969, *Associate Professor of Education; Vice President for  
Development*  
A.B., Elon College; M.Ed., Ed.D., University of North Carolina at Greens-  
boro
- Paul D. Williams, Jr., 1977, *Assistant Professor of Education; Chairman,  
Department of Education and Psychology*  
A.B., Lenoir-Rhyne College; M.A., Appalachian State University; Ph.D.,  
Duke University
- Teresa L. Wilson, 1981, *Instructor; Reference Librarian*  
B.A., M.S., University of North Carolina
- Barbara L. Yarborough, 1974, *Assistant Professor of Physical Education*  
B.S., Winthrop College; M.A.T., University of North Carolina
- James Fred Young, 1973, *Professor of Education; President*  
A.A., Mars Hill Junior College; B.S., Wake Forest University; M.A., Univer-  
sity of North Carolina; Ed.D., Columbia University; Graduate Studies,  
Appalachian State University; East Carolina University; University of  
Virginia
- Judith T. Young, 1981, *Part-time Instructor in English*  
B.S., Queens College, Charlotte; M.A., University of North Carolina at  
Charlotte
- Rudolph T. Zarzar, 1967, *Associate Professor of Political Science*  
A.B., M.A., Ph.D., University of North Carolina

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Charles A. Griffin, A.A., B.S., M.A., *Assistant Football Coach, Assistant Track Coach*  
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Donald J. Kelly, A.B., M.A., *Associate Football Coach*  
Robert D. McBee, B.A., M.S., Ph.D., *Baseball Coach*  
T. William Morningstar, A.B., M.A., *Men's Head Basketball Coach, Golf Coach*  
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Gary R. VanDam, A.A., B.S., M.A., *Track Coach, Assistant Football Coach*  
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 Donna H. DeWoody, *Secretary to the Director of Physical Plant*  
 Warren R. Jeffreys, *Supervisor of Carpentry, Paint, Keys*  
 Allen Smith, *Plant Engineer*  
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 Paul Holt, *Electrician*

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 Paul S. Reddish, A.B., M.A., *Professor of Biology*  
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 Bessie P. Sloan, A.B., M.A., *Assistant Professor of Spanish*  
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 Jeanne F. Williams, B.S., M.S., *Associate Professor of Statistics and Mathematics*

## Endowment and Sources of Income

The income from tuition and fees constitutes only a part of the income of the College. Other sources of income include the annual gifts from the churches of the Southern Conference of the United Church of Christ; a share of the contributions received by the Independent College Fund of North Carolina; earnings from the permanent endowment funds of the College; and the contributions of individuals, foundations, business and industry.



In addition to the general endowment funds of the College, special endowment funds have been established for specific purposes:

*W. J. Ballentine Fund.* An undesigned bequest from the estate of W. J. Ballentine who served as trustee of the College.

*Bondurant Fund.* This fund was established by H. L. Bondurant of Norfolk, Va., as a memorial to his wife, Mrs. Gertrude Gibson Bondurant.

*Boone Memorial Fund.* Established by the late Dr. William H. Boone, of Durham, N.C., a long-time member of the Board of Trustees. This fund is in memory of his wife, Mrs. Annie Elizabeth Moring Boone.

*James H. R. Booth Endowment Fund.* This fund was created by Dr. James H. R. Booth, an alumnus of Elon College. The income from this fund is used preferably for support of the department of religion.

*John M. Campbell Fund.* This fund represents the proceeds from the sale of land given to the College as a memorial. The land had been left as a bequest to what was then known as the North Carolina Christian Conference.

*Carlton Fund.* The family of the late J. W. Carlton of Richmond, Va., P. J. Carlton, H. A. Carlton, L. E. Carlton and Mrs. J. Dolph Long established a professorship in Christian Literature and Methods in memory of Mrs. J. W. Carlton. Upon his death in May, 1935, P. J. Carlton left a bequest to the College.

*George R. Chandler Endowment Fund.* George R. Chandler, a member of the Class of 1935 and a coal mining executive in western Kentucky, bequeathed funds to the College to establish this endowment.

*Thomas W. and Mary Watson Chandler Endowment Fund.* This fund was established by a gift from Mrs. Chandler.

*Christian Workers Conference Fund* for the Southern Convention has been established at Elon College by Mrs. E. E. Holland, widow of Col. E. E. Holland, who was the last surviving member of the original Board of Trustees.

*Corwith Fund.* W. F. Corwith, a former trustee, has given to the College funds to establish a professorship in Biblical languages and literature in memory of Mrs. W. F. Corwith.

*The Daniels-Danieley Award.* The Daniels-Danieley Award for Excellence in Teaching was established in honor of the parents of the sixth president of the College, James Earl Danieley, and his wife, Verona Daniels Danieley. The income from this fund is used to provide a certificate of recognition and cash award each year to a faculty member whose teaching is characterized by excellence.

*T. B. Dawson Memorial Bible Fund.* This fund was established by friends and relatives of the late T. B. Dawson. The earnings are used to assist the College in purchasing copies of The Holy Bible which are given to graduating seniors in religion.

*Elbert and Esther Fertig DeCoursey Fund.* Established by C. Max Ward, class of 1949, and Cynthia Fertig Ward in honor of Mrs. Ward's aunt and uncle, Major General Elbert DeCoursey, nationally known pathologist, and Esther Fertig DeCoursey. The earnings from this fund will be used to benefit the department of biology.

*Dofflemyer Fund.* Established in memory of the late Milton A., Sr. and Naomi Frazier Dofflemyer by their children.

*Harry K. Eversull Fund.* This fund was established by friends of Dr. Eversull who served as a trustee of Elon College.

*George Joseph Fertig Fund.* Established by C. Max Ward, class of 1949, and Cynthia Fertig Ward in memory of her father, Dr. George Joseph Fertig, eminent metallurgist from Birmingham, Alabama. The income from this fund will be used for the support of the department of chemistry.

*D. R. Fonville, Sr. Fund.* A bequest from the estate of DeRoy Ransom Fonville, Sr., who served as a trustee of the College from 1914 until his death, April 21, 1958. The earnings from the fund are used to purchase books for the library.

*Ford Endowment.* The principal amount of this fund was a gift from the Ford Foundation. All earnings of the fund are used to increase salaries of full-time teachers.

*Foster Fund.* A bequest from the estate of Jos. A. Foster of Semora, N.C.

*Ella V. Gray Memorial Fund.* Proceeds to be used to purchase books to be added to the library's collection of Southern literature. Following a bequest from Mrs. Gray, this fund is being established by Garland Gray as a memorial to his mother.

*Susie Holland Memorial Fund.* This fund was created by a bequest from the estate of Susie Holland, an Elon alumna of the class of 1905 and a member of the Board of Trustees from 1937-1957.

*The G. Thomas Holmes and Gladys Wright Holmes Endowment for Chemistry.* Income from this endowment is to be used in the Elon College Chemistry Department at the discretion of the head of the department in ways that will: (1) improve the department's facilities or curriculum and (2) qualify the department to prepare pre-engineering students for admission to professional engineering schools.

*The Jefferson Pilot Professorship.* This fund was established by the Jefferson Pilot Corporation, Greensboro, N.C. The incumbent is appointed by the President of the College from any academic discipline within the College.

*Kernodle Foundation.* A gift from Mrs. Attrice Kernodle Manson of Burlington, N.C., in memory of Dr. J. L. Kernodle and in honor of Mrs. J. L. Kernodle.

*John T. Kernodle Memorial Fund.* Created by a bequest from the estate of John T. Kernodle, an alumnus of the class of 1908.

*Peter Jefferson Kernodle and Louise Nurney Kernodle Memorial Fund.* Created by a bequest from the estate of John T. Kernodle, an alumnus of the class of 1908, in memory of his mother and father.

*Virginia Beale Kernodle Memorial Fund.* This fund was established by John T. Kernodle, class of 1908, as a memorial to his wife, Virginia Beale Kernodle, valedictorian of the class of 1913. The earnings from the fund are to be used for the upkeep of Whitley Memorial Auditorium. Mrs. Kernodle was the granddaughter of the late Leonard Hume Whitley for whom the auditorium was named.

*Klapp Fund.* A gift from the Rev. S. B. Klapp.

*Patrick Henry Lee Fund.* This fund is a bequest from Capt. P. H. Lee of Holland, Va.

*Minnie T. Lambeth Memorial Fund.* Friends and relatives of the late Minnie T. Lambeth have established this memorial fund.

*The James H. McEwen, Jr. Endowment Fund for the Fine Arts.* Established by James H. McEwen, Jr. of New Milford, Connecticut. Income from this fund will be used for the enrichment of the Fine Arts program.

*John M. McLean Fund.* This is a memorial fund established by Mrs. John M. McLean and friends of the late John M. McLean.

*Francis Asbury Palmer Fund.* This fund was established by Francis Asbury Palmer of New York. A second bequest from his estate was later added to the fund.

*The Thomas Edward Powell, Jr. Professorship of Biology* was established by the Thomas E. Powell, Jr. Biology Foundation. Dr. Powell was professor of biology at Elon College from 1919 to 1936 and is founder of Carolina Biological Supply Company. Income from the endowment provides a chair for an outstanding professor in the field of biology.

*Register Fund.* This fund was established by J. H. Register as a memorial to his wife.

*Oscar F. Smith Memorial Fund.* A bequest from the estate of Oscar Frommel Smith of Norfolk, Va., who served as a trustee of the College.

*William Watson Sellers Endowment Fund.* This fund was created in memory of William Watson Sellers, Elon College alumnus and former member of the Board of Trustees.

*Spence Endowment Fund.* This endowment fund was established by Royall H. Spence, Sr. and his wife, Dolly Lewis Spence, and Royall H. Spence, Jr. (Class of 1942) and his wife, Luvene Holmes Spence (Class of 1943), to provide additions to the Spence Collection in the College Library.

*Staley-Atkinson-Newman Memorial Foundation.* The churches of the Southern Convention, at the request of Elon College and the Southern Convention, authorized the establishment of a foundation in the Department of Christian Education at Elon College memorializing Dr. W. W. Staley, Dr. J. O. Atkinson, and Dr. J. U. Newman and the departments of the church to which they gave their lives. Income from this permanent fund is allocated to the Departments of Philosophy and Religion.

*J. J. Summerbell Fund.* Dr. J. J. Summerbell of Dayton, Ohio, was a staunch friend and loyal supporter of the College. He died February 28, 1913, and left a bequest to Elon College.

*L. L. Vaughan Fund.* A bequest from the estate of the late Professor L. L. Vaughan, who served as a trustee of the College from 1928 to 1956.

*Drusilla Dofflemeyer Voorhees Fund.* Created in honor of Drusilla Dofflemeyer Voorhees, class of 1924, by friends in recognition of her many years of devotion to her students and her contribution to education as a classroom teacher. The income from this fund is used to support the general operation of the College.

*O. J. Wait Fund.* A bequest from Rev. O. J. Wait, D.D., of Fall River, Massachusetts. This was the first bequest received by the College.

*J. W. Wellons Fund.* Dr. J. W. Wellons, several years before his death, bought two annuity bonds for the College. By terms of the bonds, at his death, they were cancelled and the principal became a part of the endowment funds of the College.

*The Walter and Dorothy Westafer Fund for the Fine Arts.* Given in memory of Dorothy Stambaugh Westafer by family and friends of Walter and Dorothy Westafer, income from this endowment fund is used to enrich programs and projects that will enhance the cultural life of the Elon College campus.

*Jesse Winbourne Fund.* This fund, a bequest from Deacon Jesse Winbourne of Elon College, N.C. became available in January, 1923.



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